

DX LISTENING DIGEST 4-160, October 19, 2004
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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NEXT AIRINGS OF WORLD OF RADIO 1249:

Wed 0930 on WWCR 9475
Wed 1600 on WBCQ after-hours <http://wbcq.com> repeated weekdaily
Wed 2100 on WBCQ 9330-CLSB [or 1250]
Mon 0330 on WSUI 910, webcast <http://wsui.uiowa.edu>

WRN ONDEMAND:

<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also for CONTINENT OF MEDIA, MUNDO RADIAL]:

WORLD OF RADIO 1249 (high version):

(stream) <http://www.w4uvh.net/wor1249h.ram>
(download) <http://www.w4uvh.net/wor1249.ram>

WORLD OF RADIO 1249 (low version):

(stream) <http://www.w4uvh.net/wor1249.ram>
(download) <http://www.w4uvh.net/wor1249.ram>
(summary) <http://www.worldofradio.com/wor1249.html>

WORLD OF RADIO 1249 mp3 in the true SW sound of 7415:

(stream) http://www.piratearchive.com/media/worldofradio_10-13-04.m3u
(d'load) http://www.piratearchive.com/media/worldofradio_10-13-04.mp3

FIRST AIRINGS OF WORLD OF RADIO 1250:

Wed 2100 on WBCQ 9330-CLSB [or 1249]
Wed 2200 on WBCQ 7415
Wed 2300 on WBCQ 17495-CUSB
Thu 2030 on WWCR 15825
Thu 2100 on WBCQ 9330-CLSB

ON DEMAND: From early UT Thursday, change 1249 above to 1250

DX/SWL/MEDIA PROGRAMS 10/17 update <http://worldofradio.com/dxpgms.html>

** ABKHAZIA. GEORGIA, 9495 R. Rep. Abkhazia 1143 Oct 17 with Russian songs, ID at 1145 'R. Respublika Abkhazia', with talks by OM and YL then sign off at 1148. S7 max 34323 (Zacharias Liangas, Thessaloniki Greece, <http://www.geocities.com/zliangas> Pesawat penerima: ICOM R75, Lowe HF150, Degen 1102, Chibo C300/c979, Yupi 7000, Antenna: 16m hor, 2x16 m V invert, 1m australian loop, DX LISTENING DIGEST)

** AFGHANISTAN. Radio Free Kabul --- From UK daily newspaper The Independent, a story about the developing radio scene in Kabul: <http://news.independent.co.uk/world/asia/story.jsp?story=573532> (Dave Kernick, UK, Click your way to Interval Signals Online at <http://www.intervalsignalsonline.com> Oct 19, and via Artie Bigley, DX LISTENING DIGEST)

Mainly about Internews --- AFAIK, there is really no station named ``Radio Free Kabul`` (gh, DXLD)

** BELGIUM. I hate to be the bearer of bad news, but our colleagues at Radio Vlaanderen Internationaal have announced that they're scrapping radio services in English, French and German at the end of B04 (27 March 2005). News bulletins in these languages will be available on the Web site. There will also be a drastic reduction in the use of shortwave for RVI broadcasts in Dutch - most of the non-Belgian transmitter sites will be dropped. We don't know yet whether this will include Bonaire. No doubt Frans Vossen will have something to say about this on next week's Radio World! (Andy Sennitt, Radio Netherlands, Oct 19, dxldyg via DX LISTENING DIGEST)

MAJOR CUTS COMING AT RADIO VLAANDEREN INTERNATIONAAL

From 26 March 2005, Radio Vlaanderen Internationaal says it will stop its radio programmes in English, French and German. The broadcasts in Dutch will be mostly relays of the domestic networks, and the only remaining shortwave transmissions will be to southern Europe. The RVI Web site will be relaunched with a new look. The name of the station will also be changed, to VRT-Internationaal.

"The old and traditional mediumwave, and especially shortwave, output will be reduced," says VRT Radio Director Frans Ieven. These are outmoded delivery methods and "there are other cheaper and more efficient means of reaching people than with gigantic shortwave transmitters."

But although the output will be reduced, it isn't disappearing altogether. "On mediumwave, a bit of shortwave, via satellite and the

Internet, people can still hear an offering which you could describe as the best of the VRT channels. A network in which we combine the bits of our domestic services which are most relevant to the Flemish abroad." RVI will also carry "interesting sporting events" as well as some specific programming produced for Dutch-speaking listeners abroad. But many of the existing programmes in Dutch will also disappear.

Radio programmes like Brussels Calling in English, French and German are being scrapped. In their place there will be translations, on the VRT-Internationaal Web site, of the main points from the Flemish and Belgian news stories.

There's a relatively large expatriate Belgian community we need to serve, says Ieven, but what we have to offer is limited. Therefore, we have to do it as efficiently as possible. "Some people will find that they receive more interesting things, others will find they no longer receive what they had before. These are the inevitable compromises we have to make," he said.

From the end of March, the Website will have a new look. The Flemish abroad will then be the focus, and for news the Web user will be redirected to nieuws.net.

Radio Vlaanderen Internationaal
http://www.rvi.be/html/rvi_web/uk/ukhome/index.html
posted by Andy @ 07:56 UT Oct 19 (Media Network blog via DXLD)

Above apparently based on: RVI in het nieuw(s):
http://www.rvi.be/rvi_master/nieuws/detail_1577_963677.uri/index.html
(via, gh, DXLD)

On Monday October 18, VRT Radio told staff at RVI, its international service that all shortwave transmissions of programmes in English, French and German would be discontinued. The only shortwave activity that will survive is the transmission of 4 hours per day of programmes in Dutch, most of it relays of domestic VRT stations, and only beamed to south Europe. More information this Sunday in ``Radio World'', my feature in ``Flanders Today''. According to the management, last transmissions of programmes in English, French and German would be on last day of winter schedule: March 26 2005 (Frans Vossen, RVI, standard Dutch disclaimer, swprograms via DXLD)

Ouch! Has there been any rationale offered for the decision, Frans? Is there a window of opportunity for RVI enthusiasts to lobby the senior RVI management and/or the Governmental office responsible for foreign affairs (e.g. the US State Department, or the UK's Foreign & Commonwealth Office) for the necessary funding? (Richard Cuff /

Allentown, PA, *ibid.*)

Ouch is right. First the SRI announcement, which was more-or-less expected. And then right on its heels the announcement from Frans. Another different, lively voice and perspective to be lost!

It would be nice if at least RVi could continue a program, possibly as an internet feed that could still be picked up by WRN. But then again, personnel and production costs are likely far more expensive, as compared say to the cost of hiring transmitter time, and so I'm not holding my breath on the availability of even a continued program as the costs still need to be reduced.

Somedays I wish I was either much, much younger or very old. Being in the latter half of my 40s is a drag - I'm old enough to have experienced international broadcasting and to have learned to love it. And old enough to not want to fall in love with only a digital, connected world. Yet I'm not old enough, like my parents, to have experienced international broadcasting back when it was even more important and widespread. Cheers from Iowa, USA, (Kevin, K9IUA Anderson, *ibid.*)

Amen to that --- even down to the demographic! It's a valid question --- how much of a broadcaster's budget is dedicated to program production vs. transmission? Frans has joined us at six or seven of the SWL Fests. Hopefully he can still join us for this one in March. (Rich Cuff / Allentown PA, *ibid.*)

I guess that the powers that be in Brussels figure that newscasts are chock full of news about Belgium --- boy do I have news for them; if not for RVI, who hears news about events in that nation on TV news or Radio?

And look at SRI stating dropping shortwave was not the best idea after all --- another one that thinks the news is loaded with items about its country. (Bill KA2EMZ Bergadano, *ibid.*)

If it's Tuesday . . . (gh, DXLD)

Wow. What a sad bit of news. I am in my late 20's, hate the digital age (it does have some good uses; such as this) and am quickly wondering what I will be listening to in 20 or 30 years. Has RVi released any formal reasons why? (Chris Campbell, Columbus, Ohio, Oct 19, swprograms via DXLD)

Not yet. Perhaps Frans can add some details in the coming days. One thought: the consular office in Washington is shown as Mr. Leo Cortens, with contact info as follows:

Mr. Leo Cortens, Counselor and Consul
Embassy of Belgium
3330 Garfield Street NW
Washington, DC 20008

Consular office hours 9:30 AM - 12:30 PM
Phone (202) 333-6900, Fax (202) 333-5457

The Belgian ambassador to the USA is Mr. Frans van Daele, phone (202) 333-6900, Fax: (202) 625-7567.
E-mail: washington@diplobel.be Web: <http://www.diplobel.us/>

Perhaps engaging them in dialogue will help out. Can't hurt (Richard Cuff / Allentown, PA, *ibid.*)

Re: what will I be listening to in 20 years?

Probably interference from Son of BPL.

~*-,_,..-*~'^'~*-,_,..-*~'^'~*-,
(Joe Buch, *ibid.*)
-*~'^'~*-,_,..-*~'^'~*-,_,..-*~'^

I wonder if this will mean the closure of the 300 kW 1512 kHz transmitter at Wolvertem, as this rig covers the very area served by the languages that are to be axed --- UK, France and Germany. If southern Europe means Spain, Italy and Greece this frequency does not penetrate that far. In fact 1512 is I believe still used by another 50 kW station in Greece anyway. Perhaps it could eventually be hired out for a central European station serving England, Holland, and surrounding countries. Still dreaming of course, it would only mean a slight cosmetic change from RVI to a re-launched landbased RNI (Andy Cadier, BDXC-UK via DXLD)

** BELGIUM [and non]. Here is the B-04 schedule of R Vlaanderen Internationaal in a more handy style, retyped from the large .XLS format file:

English:

0800-0825	5965 JUL 100 kW / omni-dir to EUR
	1512 WOL 300 kW / omni-dir
1130-1155	9945 IRK 250 kW / 152 deg to SoAs and AUS/NZ
1230-1255	1512 WOL 25 kW / omni-dir
1830-1855	5910 JUL 100 kW / 130 deg to SoEaEUR and ME
	7490 ARM 200 kW / 284 deg to NoWeEUR
	1512 WOL 300 kW / omni-dir
2030-2055	7490 ARM 200 kW / 284 deg to NoWeEUR
	1512 WOL 300 kW / omni-dir

2200-2225 11730 BON 250 kW / 350 deg to NoAmEa
0500-0525 9590 BON 250 kW / 320 deg to NoAmWe

French:

1800-1815 7490 ARM 200 kW / 284 deg to NoWeEUR
1512 WOL 300 kW / omni-dir
2015-2030 7490 ARM 100 kW / 284 deg to NoWeEUR
1512 WOL 300 kW / omni-dir

German:

1815-1830 7490 ARM 200 kW / 284 deg to NoWeEUR
1512 WOL 300 kW / omni-dir
2000-2015 7490 ARM 200 kW / 284 deg to NoWeEUR
1512 WOL 300 kW / omni-dir

0500-0600 E/D 9590 BON 250/320 NoAmWe
0600-0630 D 15530 MEY 250/350 CeAf
0600-0700 D 9925 MSK 250/248 EUR
0600-0800 D 5965 JUL 100/130 EUR
0700-0900 D 15195 ARM 200/284 EUR
0800-0830 E 5965 JUL 100/non-dir EUR
0800-0900 D 9590 SKN 250/180 EURSoWe
1130-1230 E/D 9945 IRK 250/152 SoAs and AUS/NZ
1200-1230 D 13690 RMP 250/168 EURSoWe
15195 MSK 250/248 EUR
17690 TAC 200/131 SoAs and AUS/NZ
17745 MEY 250/350 CeAf
1800-2000 D 15230 SAC 250/074 EURSoWe
1800-2200 F/G/E/D/G/F/E/D 7490 ARM 200/284 EUR
1830-2000 E/D 5910 JUL 100/130 EURSoEa and ME
1900-2000 D 13790 DHA 250/225 Ce&SoAf
2100-2200 D 5960 SKN 250/180 EURSoWe
2200-2330 E/D 11730 BON 250/350 NoAmEa

Saturdays only:

1857-2056 D 5985 JUL 100/non-dir EUR

Sundays only:

1130-1230 D 17745 MEY 250/350 CeAf
1400-1700 D 13690 SKN 250/180 EURSoWe
13800 MSK 250/248 EUR

Wolvertem 1512 kHz:

0600-0700 RNW 300 kW
0700-0800 D 300 kW
0800-0825 E 300 kW \\ 5965 EUR
0830-0900 DAB (Sats BBC progr) 25 kW
0900-1200 R1 (Suns 0900-1000 R2) 25 kW

1200-1230 D 25 kW \\ 9945 for SoAs and AUS/NZ
1230-1300 E 25 kW
1300-1500 DAB 25 kW
1500-1700 DW 25 kW
1700-1800 R1 300 kW
1800-1815 F 300 kW \\ 7490 EUR
1815-1830 G 300 kW \\ 7490 EUR
1830-1900 E 300 kW \\ 7490 EUR
1900-2000 D 300 kW \\ 7490 EUR
2000-2015 G 300 kW \\ 7490 EUR
2015-2030 F 300 kW \\ 7490 EUR
2030-2100 E 300 kW \\ 7490 EUR
2100-2200 D 300 kW \\ 7490 EUR
2200-2300 RNW 300 kW

D = RVi Dutch, E = RVi English, F = RVi French, G = RVi German

R1 = VRT R 1, R2 = VRT R 2

DW = Deutsche Welle relay, RNW = Radio Nederland Wereldomroep relay.

DAB VRT DAB Klassiek, [About DAB Klassiek: this is nonstop classical
mx from the digital audio sce. Silvain Domen-BEL]

Wolvertem, omni-directional.

MW 300 kW - 1512 kHz : 0600-0825, 1700-2300 UTC

MW 25 kW - 1512 kHz : 0830-1700 UTC

(RVI B04.xls file, Sept 24; via Andreas Volk-D ADDX, via BC-DX Sept 29, 2004; transformed from large xls.file format {W, Sat, Sun} to txt.file format, updated the previous year file of Silvain Domen-BEL dxld Oct 21 [sic], 2003; Wolfgang B,schel, DX LISTENING DIGEST)

** BENIN. BENIN STATE RADIO AND TV AFFECTED BY STRIKE

The main trade unions in Benin have begun a three-day general strike to demand higher pay for government employees, better pensions and lower university fees. Music has replaced normal programming on government-run radio and television, which is repeatedly playing the song "Le pays va mal" (The country is doing badly) by the Ivorian singer Tiken Jah Facy. The strike was called by four of Benin's five trade union organisations to support civil service pay demands ranging from 20 to 30 percent following a breakdown in negotiations with the government on 1 October. (Source: IRIN News)

posted by Andy @ 16:06 UT Oct 19 (Media Network blog via DXLD)

** BRAZIL. R. N. AmazUnia, 6190 // 11780 2357 9/27. 0736 9/26 was off frequency, 6191 (Larry Russell, MI, MARE via DXLD)

** CHINA. Re CNR on 15498.7 and 15372: OFF frequencies, usually done

during RFA jamming usage. Nagoya CNR site:
<http://www.geocities.jp/binewsjp/> shows
CNR1 - 15370sz 0100-1100 [100 kW 217 deg]
CNR2 - 15500 2300-1400(=6155) [15500, in winter 0200-1000;
6155 kHz, 2100-0200, 0900-1600 UT. Beijing 150 kW 180 deg]
73 wb (Wolfgang B, schel, DX LISTENING DIGEST)

** DEUTSCHES REICH [non]. HITLER AUDIO NOW AVAILABLE ON YLE WEBSITE

Audio from the documentary featuring the voice of Adolph Hitler aired on Sunday by Finnish public broadcaster YLE is now available via the YLE Website. The Real Audio file can be accessed at
<http://ra.yle.fi/ramgen/ycleradio1/extrat/hitler171004.ram>
posted by Andy @ 11:20 UT Oct 19 (Media Network blog via DXLD)

** FRANCE. RFI HEAD OF NEWS QUILTS FOLLOWING COMMENTS ON ISRAEL

The head of news at Radio France International has quit after an outcry following his description of Israel as a "racist state" when publicising his book "Sharon's Wall" on television. . .
<http://news.bbc.co.uk/1/hi/world/europe/3754860.stm>
(Mike Barraclough, UK, dxldyg via DXLD)

** GEORGIA. See ABKHAZIA

** GERMANY. EVEN HARDER TIMES NOW FOR DEUTSCHE WELLE
Noch h%rtere Zeiten f,r die Deutsche Welle
<http://www.welt.de/data/2004/10/13/345311.html?s=1>

DIE WELT.de - Medien
Montag, 18. Oktober 2004 Berlin, 04:58 Uhr DIE WELT.de

Anna-Amalia-Bibliothek gef%hrdet Senderexistenz
von Kathrin Spoerr

Die Krise der Deutschen Welle ist dramatischer als bisher angenommen. Nach WELT-Informationen sieht der Haushaltsplan des Senders f,r das Jahr 2005 8,5 Millionen Euro weniger vor als 2004. Hinzu kommen Tarifsteigerungen f,r die Mitarbeiter. Ingesamt fehlt der Deutschen Welle im kommenden Jahr so ein zweistelliger Millionenbetrag. Die Deutsche Welle, die Fernsehen und Rundfunk aus Deutschland in der Welt verbreitet, wurde in den vergangenen Jahren so stark zur Ader gelassen, wie kaum eine andere Anstalt des ^ffentlichen Rechts. Mitte der 90er Jahre verf,gte sie ,ber ein Jahresbudget von 635 Millionen Mark, 2005 soll sie noch 261 Millionen Euro bekommen.

Seit Jahren w,tet hier der Rotstift - doch der Aufschrei des Senders fiel nie besonders laut aus. Das lag nach Meinung von Beobachtern

unter anderem auch daran, daß die Deutsche Welle lange Zeit überreichlich Fettpolster verfügte. Doch das ist nun vorbei. Die Fettpolster sind weggeschmolzen. Seit 1994 hat sich die Welle von 45 Prozent der Mitarbeiter getrennt. Bis 2005 fallen noch einmal 10 Prozent der Stellen weg. "Wenn es tatsächlich so kommt, müssen wir Sendungen einstellen", heißt es aus dem Rundfunkrat.

Am 11. November wollen sich nach Informationen der WELT die Intendanten von ZDF und ARD und Deutscher Welle, Markus Schächter, Fritz Pleitgen und Erik Bettermann, mit Kulturstaatsministerin Christina Weißl treffen, in deren Eine-Milliarde-Etat die Welle den dicksten Posten ausmacht. Als direktes Konkurrenzprojekt trat kürzlich die Weimarer Anna-Amalia-Bibliothek in Erscheinung. "Wir zahlen für den Brand", heißt es intern bei der Deutschen Welle.

Bei dem Treffen soll es nach WELT-Informationen neben der Situation der Deutschen Welle auch um die Zukunft von German TV gehen. German TV ist ein seit 2002 von ARD, ZDF und Deutscher Welle gesendetes deutsches Auslandsprogramm, das Zuschauer in den USA als Bezahlsender abonnieren können. Die Bundesregierung will German TV einstellen. Verhandlungsziel der Welle ist es dem Vernehmen nach, die Bundesregierung zu bewegen, die bei einer Einstellung frei werdenden Millionen der Deutschen Welle zukommen zu lassen.

Unterdessen läuft Intendant Bettermann, der der SPD nahe steht, seine als exzellent geltenden Kontakte in die Bundesregierung spielen in der Hoffnung die Streichorgie zu mildern.

In der Redaktion der Deutschen Welle liegt offenbar bereits ein Notprogramm für den Fall eines Scheiterns Bettermanns vor. Als prominentestes Beispiel stand zwischenzeitlich das spanische TV-Programm der Deutschen Welle auf der Kürzungsliste, ein Programm, das sich an mehr als 300 Millionen vorwiegend in Lateinamerika richtet. Als es deswegen bei Schröders letzter Mexikoreise zu diplomatischen Spannungen kam, weil sich Ministerpräsident Fox über die Pläne beklagt hatte, gab es ein Kanzlermachtwort, das allerdings bisher finanziell folgenlos blieb.

Auf der internen Streichliste der Deutschen Welle stehen außerdem Hörfunkprogramme sowie der Ausbau des erfolgreichen Online-Programms.

Gebangt hat die Deutsche Welle auch um eines ihrer Prestigeobjekte, das Nachrichtenprogramm für Afghanistan. Mit einem Jahresetat von 1,2 Millionen Euro produziert die Deutsche Welle von Berlin aus Weltnachrichten in den beiden afghanischen Landessprachen. Die Mittel hierfür kamen im ersten Jahr zu 100 Prozent vom Auswärtigen Amt. In diesem Jahr hat das Ministerium von Außenminister Joschka Fischer (Grüne) die Mittel halbiert. 600 000 Euro mußte die Welle 2004 also

aus Eigenmitteln finanzieren (via Dan Say, Swprograms mailing list via DXLD)

DEUTSCHE WELLE HITS HARD TIMES... TO CLOSE SERVICES and an approximate machine (Babelfish) translation (Do your own and make it better)

The Anna Amalia library endangers transmitter existence
by Kathrin Spoerr

The crisis of the Deutsche Welle is dramatic than so far accepted. After world information the budget of the transmitter plans 2005 8.5 million euro for the year less than 2004. In addition come tariff paste run gene for the coworkers. Inge velvet is missing to the German wave in the coming year such a two digit amount of millions. The German wave, which spread television and broadcast from Germany in the world, was left as strong in the past years to the vein, as hardly another institute of the public right. Center of the 90's had it an annual budget of 635 million Marks, 2005 is it still 261 million euro to get.

For years here the red pencil rages - nevertheless the proclamation of the transmitter failed never particularly (via Dan Say, *ibid.*)

That last paragraph was particularly telling (Richard Cuff / Allentown, PA USA, *ibid.*)

That's not a particularly good translation, being from Babelfish. :-) If I read it correctly, it should be translated that DW has been under financial pressure for years, but there hasn't been that much of an outcry because they've had "reserves". (My guess is that there must have been some thought that the DW-staff was bloated.) They've cut staff by 45% in the past 10 years.

The important paragraph is this one:

``Bei dem Treffen soll es nach WELT-Informationen neben der Situation der Deutschen Welle auch um die Zukunft von German TV gehen. German TV ist ein seit 2002 von ARD, ZDF und Deutscher Welle gesendetes deutsches Auslandsprogramm, das Zuschauer in den USA als Bezahlsender abonnieren k^nnen. Die Bundesregierung will German TV einstellen.''

My (rough) translation:

At the [November 11] meeting [among DW, ARD, and ZDF -- the latter two being Germany's two domestic national TV broadcasters] there will be not only a discussion of the situation at Deutsche Welle, but also the future of German TV. German TV is a satellite rebroadcaster of

programs from DW, the ARD, and ZDF which has been operating since 2002, and to which viewers in the USA can pay to subscribe. The Government would like to close down German TV.

My opinion:

I don't think **this** is such a bad thing. They probably **should** close down German TV. The ultra-premium access channel (the one time I looked at the cost, I saw mention of \$10/mo for **just this one channel**) doesn't seem like a particularly good financial model for a German-language channel in the States. There really aren't that many German speakers here in the US. Whether or not you like BBC America, it seems to have done a better job of getting itself access into households. (Now if the Tennis Channel would do the same thing....)
(Ted Schuerzinger, Swprograms mailing list, *ibid.*)

** GERMANY. SWR 6030, 7265 now silent --- Checked this morning and confirm that both SWR shortwave frequencies 6030 and 7265 kHz are now silent. They were due to be switched off permanently last night (Dave Kenny, UK, Oct 19, BDXC-UK via DXLD)

** GERMANY. HAMBURGER LOKALRADIO AUF KURZWELLE 6045 KHZ

According to the enclosed message Hamburger Lokalradio will be again on shortwave from Nov 6, every Saturday 1000-1100 via J,lich on 6045.

The original B04 schedule from T-Systems shows this slot for Evangeliumsradio Hamburg -- and in DRM. But no mention of this, instead a power of 100 kW is given, suggesting that this will be AM. Nothing about these revived shortwave transmissions on the Hamburger Lokalradio website so far.

Hallo Freunde! Das Hamburger Lokalradio hat informiert, dass es ab 6.November jeden Samstag zwischen 10 und 11 Uhr UTC auf der 6045 kHz und damit neben der UKW 96,0 auch auf Kurzwelle zu h^ren sein wird. Es wird um Empfangsberichte gebeten m^glichst mit R,ckporto unter:

Hamburger Lokalradio, Kulturzentrum LOLA, D-21031 Hamburg

Auf deren Website gibt es Zusatzinformationen: <http://www.hhlr.de>

Es wird ein Sender der T-Systems Deutschland in J,lich mit 100 kW eingesetzt. Harald (S,ss) ADXB-0E (via A-DX Oct 17 via Ludwig, DXLD)

CC: radiowaves@gmx.de
From: KaiLudwig@t-online.de Add to Address Book

Here is their original release. Mode will be DAM, i.e. AM with dynamic

carrier control.

Liebe KollegInnen, ab 6. November sendet das Hamburger Lokalradio jeden Samstag von 11.00 bis 12.00 Uhr auf 6045 KHz. <ber einen Hinweis in Ihren Sendungen und Publikationen w,rden wir uns sehr freuen. Bitte beachten Sie unsere Pressemitteilung. vy 73 Michael Kittner, Stationsleiter HLR (via Kai Ludwig, DXLD) Viz.:

HAMBURGER LOKALRADIO 96,0 MHz Pressemitteilung Hamburg, 17.10.2004

Liebe KollegInnen, liebe DX-Redaktion, das Hamburger Lokalradio sendet ab Samstag, 6. November ,ber einen leistungsstarken Kurzwellensender der T-Systems in J,lich ein wortgepr%gtes Kulturprogramm.

Jeweils Samstag von 11.00 bis 12.00 Uhr MEZ wird ein bunter Mix aus Kultur und Unterhaltung ausgestrahlt. Die Frequenz 6045 KHz garantiert einen europaweiten Empfang.

Der Sender mit 100 Kilowatt Tr%gerleistung wird im sogenannten DAM (Dynamische Amplitudenmodulation) -Modus betrieben. Dies f,hrt zu deutlich geringeren Stromkosten.

Empfangsberichte sind erw,nscht und werden mit QSL-Karte best%tigt. R,ckporto sollte den Berichten beigelegt werden.

Mehr zum Lokalprogramm gibt es auf <http://www.hhlr.de>
Redaktionsanschrift:

Hamburger Lokalradio
Kulturzentrum LOLA
21031 Hamburg
Deutschland (via Kai Ludwig, DXLD)

** ICELAND. 15775, Rikisutvarpid (tentative); 1843-1906+, 19-Oct; M&W commentaries in Nordic language, several mentions of Island ("eess-land"); remote re US election. SI0=344-/ute trill QRM, USB takes it out (Harold Frogde, MI, Cumbre DX via DXLD)

** INTERNATIONAL VACUUM. ANALYSIS: NICHE TV CHANNELS TARGET ARAB VIEWERS | Text of editorial analysis by Peter Feuilherade of BBC Monitoring Media Services on 15 October

Recent months have seen a plethora of Arabic-language television channels appearing free-to-air on satellite. Most of the emerging broadcasters are privately-owned - often by local business interests - and include niche channels focusing on tourism, real estate and culture.

Iraq

The last three months have seen the launch of over half a dozen satellite TV services targeting viewers in Iraq.

This week alone saw two new launches. The first was Zagros TV, operated by the Kurdistan Democratic Party-led regional government in northern Iraq.

The second newcomer, Al-Sumariyah, is launching today [FRIDAY] to mark the start of Ramadan.

It is a free-to-air TV service which will broadcast from Beirut initially, for security reasons.

Its chairman is Lebanese Jean-Claude Boulos, one of the founders of the state channel Tele-Liban, the Arab world's first TV station launched in 1958.

May Kahhaleh, Al-Sumariyah's head of news, said her channel was an independent broadcaster licensed by the Iraqi government, and would "aim to show the world the true face of Iraq, and not only images of violence".

Its broadcasts would start with entertainment programmes and serials appropriate to Ramadan, and news bulletins would follow after the Muslim holy fasting month ends in mid-November. On Friday the channel was showing current affairs documentaries.

Viewers in Iraq are eager for more entertainment and comedy programmes, especially those with a local flavour.

This is contrary to the prevalent trend in the rest of the Middle East, where audiences seem to favour the 24-hour news channels such as Al-Jazeera, Al-Arabiya, Abu Dhabi TV and Lebanon's LBC.

Niche channels

Other new Arabic-language channels recently observed by BBC Monitoring broadcasting programming or test transmissions on the Nilesat satellite at 7 degrees west include:

Al-Ra'i TV - Kuwait's first private channel, operated by the Boodai Corporation, and offering political, social and religious programming.

Al-Mishkat - a Kuwaiti venture which describes itself as the first Arab channel to focus on real estate, history and tourism, reflecting Kuwait and the Gulf.

Nourmina TV - a channel offering tourism and cultural programmes promoting Jordan.

Al-Farah - a general entertainment station based in Jordan, which describes itself as "the Arab family channel".

Al-Anwar - a channel from Lebanon focusing on religious, educational and cultural programming.

Al-Fajr (The Dawn) - a religious and educational channel from Saudi Arabia whose stated goal is to spread the message of the Holy Koran.

Hannibal TV - the first private channel in Tunisia, owned by businessman Larbi Nasra, which will offer general entertainment, initially with no news content.

LINKS:

Al-Fajr TV - <http://www.fajr.tv>
Al-Ra'i TV - <http://www.alraialaam.com>
Al-Sumariyah TV - <http://www.alsumaria.tv>
Al-Anwar TV - <http://www.alanwar.tv>
Nourmina TV - <http://www.nourmina.tv>

Source: BBC Monitoring research 15 Oct 04 (via DXLD)

** INTERNATIONAL VACUUM. MIDDLE EAST: BBCM ARAB-LANGUAGE SATELLITE TV OBSERVATIONS

Recent months have seen a plethora of Arabic-language television channels appearing free-to-air on satellite. Most of the emerging channels are privately-owned - often by local businessmen - and are competing against the traditional state-run channels or creating niche channels focusing on tourism, real estate and culture. Following is a summary and observation report by BBCM of the new Arabic-language channels on 15 October:

Observations on Nilesat, located at 7 degrees west

Al-Fajr Space Channel
Parameters: 11747 MHz; vertical polarization; SR: 27500; FEC: 3/4
Country: Saudi Arabia
Translated name: The Dawn
Telephone: +966 (0)2 534 9991
Fax: +966 (0)2 534 9669
Web site: <http://www.fajr.tv>
General manager: Wajdi Ghazawi

Expected programme content: Religious and educational, Holy Koran.

Comments: This channel was observed testing with promotional details and clips. The channel was showing a caption stating it would start programming at 1400 gmt on 15 October.

Editorial statement: Main goal is to spread the message of the Holy Koran.

Al-Ra'i TV

Parameters: 11766 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: Kuwait

Translated name: Opinion

Media provider: Boodai Corporation

Web site: <http://www.alraialaam.com>

Executive director: Usamah al-Shaykh

Expected programme content: Political, social and religious. One daily news programme expected during Ramadan, rising to three daily thereafter.

Comments: Kuwait's first private TV channel. Observed testing with promotional details.

Web site listed is for a publication associated with Al Rai TV, however, no direct link to the TV channel is included to-date. The channel shows a logo which is the same as that of Al-Rai al-Aam publication. Observed in programmes, screening Arab soap. This channel is also testing on Arabsat at 26 degrees east.

Al-Mishkat

Parameters: 11766 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: Kuwait

Translated name: Lantern

Chairman: Khalid Ashur

Expected programme content: First Arab channel to focus on real estate, history and tourism reflecting Kuwait and the Gulf.

Comments: Observed showing test card with minimal details.

Al-Mehwer

Parameters: 11823 MHz; vertical polarization; SR: 27500; FEC: 3/4

Country: Egypt

Chairman: Ahmed Bahagat

Programme content: General entertainment, does not as yet include news bulletins.

Comments: Private channel, observed in programmes.

Al-Sumariyah

Parameters: 11881 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: Iraq/Beirut

Address: CET s.a.i. Abdel Wahab Steet, Yarid Building, Beirut

Telephone: +964 920 413 (Iraqi code)

Web site: <http://www.alsumaria.tv>

Email: info @ alsumaria.tv

Programme content: General - targeting Iraqi audience living in Iraq

Comments: AllDomains.com shows web site is registered to "Al-Sumaria Television" with the above address. It also shows administrative and technical contacts are in Baghdad, but gives no postal addresses.

Observed in programmes, screening current or social affairs documentary.

Al-Anwar

Parameters: 12054 MHz; vertical polarization; SR: 27500; FEC: 3/4

Country: Lebanon

Translated name: The Lights

Web site: <http://www.alanwar.tv>

Email: info @ alanwar.tv

Expected programme content: Aspects of Sh'i Islamic religious themes.

Comments: Testing when observed - clips with religious theme.

Hannibal TV

Parameters: 12054 MHz; vertical polarization; SR: 27500; FEC: 3/4

Country: Tunisia

Telephone: +216 70 944944

Fax: +216 70 944411

Email: [hannibaltv @ planet.tn](mailto:hannibaltv@planet.tn)

Owner: Larbi Nasra

Expected programme content: General entertainment

Comments: Promotional video when observed. Owner is a local businessman. Named after the Carthaginian commander, this is the first private channel in Tunisia. It will broadcast general entertainment - initially with no news content, but may broadcast news when established.

Tasliya TV

Parameters: 12054 MHz; vertical polarization; SR: 27500; FEC: 3/4

Country: unknown, but appears to be from the Gulf.

Translated name: Entertainment

Web site: <http://www.tasliya.tv>
Email: info @ tasliya.tv

Comments: Appears to be interactive games channel - no further interest.

Al-Fayhaa TV

Parameters: 12226 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: UAE/Iraq

Translated name: The Vast - one of the Arabic names for Basra

Address: Dubai Media City, Dubai

Web site: <http://www.alfayhaatv.net>

Email: info @ alfayhaatv.net

Chairman and Director-General: Muhammad al-Ta'i

Programme content: Cultural and religious

Comments: Uplinked from Dubai, Al-Fayhaa TV broadcasts to Iraqis in Iraq.

The channel was in programmes when observed. Believed to be a Shi'i Islamic channel. Voice of the Mujahadin radio reported the TV channel as "a purely Iraqi channel with no links to other regimes, governments or parties". Broadcasts terrestrially from within the Babylon Governorate.

Al-Farah Satellite Channel

Parameters: 12226 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: Jordan

Translated name: Happiness or Joy

Telephone: +962 6553 5070 (Amman)

Telephone: +963 11 446 4689 (Damascus, Syria)

Fax: +962 6553 7066

Expected programme content: General entertainment

Comments: This channel was showing promotional clips when observed. The words "The Arab Family Channel" were observed in Arabic script as part of the promotional clip.

Edeera TV

Parameters: 12226 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: unknown, probably from the Gulf.

Translated name: Homeland

Comments: No further details. Channel was in test card with no additional information given.

Nourmina TV

Parameters: 12303 MHz; horizontal polarization; SR: 27500; FEC: 3/4

Country: Jordan
Web site: <http://www.nourmina.tv>
Email: info @ nourmina.tv

Expected programme content: Tourism and cultural programmes promoting Jordan.

Comments: In programmes when observed, screening tourism information. Also testing on Arabsat at 26 degrees east.

Observations on Arabsat, located at 26 degrees east

Al Forat
Country: Iraq
Telephone: +964 01 718 4704/4002
Fax: +964 01 719 5228
Web site: <http://www.alforattv.com>
Email: info @ alforattv.com

Comments: No further details. Channel was in test card with no additional information given.

Source: BBC Monitoring research, 15 Oct 04 (via DXLD)

** IRAN. Checking out Harold Fodge's report of Venezuela via Cuba on 6000 and 11875 during the 2100 hour, Oct 19 at 2135 I found no signals from Cuba on either frequency, but instead VOIRI, 11875, in English! Tho no English from Iran at this time is on the schedules. EiBi instead has ``Bosnian`` from Iran to SE Europe at 2130-2230. Tuned in just in time to miss the Qur'an, whew, as VOIRI was starting news, mostly about the US war in Iraq, with, I thought, a somewhat disapproving tone. Parallel for the Bosnian broadcast supposedly 9810, but not audible there, with DRM slop from 9800. 11875 signal was of fair strength, rather fluttery and mostly readable; 2200 recheck they were interviewing someone with a North American accent as the signal weakened somewhat (Glenn Hauser, OK, DX LISTENING DIGEST)

** ISRAEL. Kol Israel, B-04, 31 Oct to 31 Dec only, selected languages, target NAm/WEu u.o.s.:

HEBREW

0000-0430 7545
0500-0700 7545
0500-1700 15760
0600-1030 17535
1115-1455 17535
1700-0500 9345

2100-2215 7520 SAm
2200-2400 6280

ENGLISH

0430-0445 7545 6280; CAm/Au 17600
1030-1045 15640 17535
1830-1845 9390 11585 11605
2000-2025 9390 6280; SAf 15615

SPANISH

1815-1830 9390 11585 11605
2045-2100 9390; CAm/SEu 6280; SAm/SAf 7520

SPANISH & LADINO

1600-1625 Sat only 17535; SEu 15640

LADINO

1045-1100 15640 17535

(from a spreadsheet via Moshe Oren, Bezeq via Glenn Hauser, DX
LISTENING DIGEST)

** JORDAN. 11690, Radio Jordan; 1638-1730*, 19-Oct; EZL music to 1700
then news, commentary, press review and weather to same music at 1725.
IDs 1700, 1706, 1715 & 1730 sign-off. All in English. SI0=354/ need
USB to take out LSB ute. No QRM till R. Salama sign-on at 1700 (Harold
Frodge, MI, Cumbre DX via DXLD)

** LATVIA. 9290, Euronet International R. Sunday broadcast 10/17, 1330
fade in to 1359.5 program end with weak signal (S2) at tune in but
improving nicely to S3 after 1340. Carrier off at 1401. Programming
was pop vocals interspersed with a man announcer. At 1354 man gave the
Internet address in English and what sounded like a German
announcement. The 1600 transmission was not audible - that is 0900
local time and the 31 MB is pretty well shot then, especially for
Northern Europe stations (Bruce Churchill, CA, Japan Radio NRD-545 w/
rotating Wellbrook loop antenna, Cumbredx mailing list via DXLD)

** MIDDLE EAST. Proliferation of satellite TV stations: see
INTERNATIONAL VACUUM

** MOROCCO. Article about R. Sawa, including how it plays here:

LAS ONDAS ATACAN DE NUEVO -- LOS EE.UU ALZAN SU VOZ EN EL MUNDO ;RABE

MEDIANTE RADIO SAWA --- por el loro gris

El ejemplo de Marruecos

El gobierno alauita no puso obstáculos para la difusión de la emisora norteamericana en Marruecos, sino todo lo contrario, las relaciones entre Marruecos y los Estados Unidos se han visto estrechadas desde la creación de Radio Sawa. Los americanos ayudaron a Marruecos en la resolución del conflicto saharaui, y también trataron de hacer posible un acuerdo comercial de libre comercio entre Washington y Rabat. En el trasfondo aparece nuevamente el petróleo, hay muchas posibilidades de que haya grandes bolsas de petróleo en el Sahara Occidental y la costa marroquí.

Pero volvamos al tema de la radio, hasta la entrada de Radio Sawa en el Éter radiofónico marroquí, aparte de las dos emisoras gubernamentales que emiten mayoritariamente en árabe (RTM y 2M), sólo existe una emisora privada en Marruecos, Medi1 que emite su programación en francés y árabe, www.medi1.com. Las emisoras marroquíes emiten mayoritariamente música árabe, pero Radio Sawa mezcla en su programación la música occidental con la árabe con un objetivo claro, tener una audiencia mayoritaria entre el público juvenil. Y lo ha conseguido rápidamente en Marruecos, en tan solo seis meses la mayoría de la población sintoniza Radio Sawa. Según un estudio de AC Nielsen efectuado en febrero y marzo de 2004, un 73 % de la población mayor de 15 años de Casablanca y Rabat sintonizan Radio Sawa cada semana, y esta se ha convertido en líder de audiencia. Un 88 % de los oyentes tiene menos de 30 años y el 64 % superan la treintena. Además el 77 % de los encuestados consideraban que las noticias de Radio Sawa son muy fiables.

Parece que el objetivo del gobierno de los Estados Unidos se está cumpliendo, la información en árabe de su emisora parecería calar en la población marroquí. No obstante el 12 de octubre un nuevo informe sobre Radio Sawa fue hecho público.

El informe desvelado por The Washington Post ...

<http://www.elinconformistadigital.com/modules.php?op=modload&name=News&file=article&sid=1052&mode=thread&order=0>
(vía Dario Monferini, DXLD)

** MOROCCO. MOROCCO LAUNCHES HOLY KORAN RADIO | Excerpt from report by Moroccan news agency MAP

Rabat, 16 October: His Majesty King Mohammed VI today inaugurated "Mohammed VI Holy Koran" radio at the headquarters of the Moroccan radio and television.

On this occasion, he was briefed about this radio, which is a cooperation between the Moroccan radio and television and the Ministry of Endowment and Islamic Affairs. The radio programmes would reflect the Moroccan religious values, which are represented in the adherence to the original Moroccan values and the unity of faith.

The programmes would also reflect the values of tolerance and openness inspired by the Holy Koran and the noble teachings of Prophet [Mohammed] and their methodology of preaching with wisdom as well as that the values of the noble religion should predominate over fanaticism and extremism and the tolerant Islam prevail should through peaceful dialogue.

Mohammed VI Holy Koran radio would broadcast 10 hours of programmes during the month of Ramadan and could be increased in future stages. The radio transmission will cover Oudja, Fes, Meknes, Tanger, Rabat, Casablanca, Marrakech and Agadir. The remaining Moroccan territories would be covered soon.

[Passage omitted: On agreement signed by Moroccan radio and TV corporation and Ministry of Endowment and Religious Affairs that led to launching the Holy Koran radio.]

Source: MAP news agency, Rabat, in Arabic 1615 gmt 16 Oct 04 (via BBCM via DXLD)

WTFK??? If it's only 10 hours during the entire month, perhaps this is really just a *program* on an existing network. 0, no, next item makes clear 10 hours a day, so new network, FM?? (gh)

** MOROCCO. KORAN RADIO LAUNCHED TO "FIGHT RELIGIOUS FUNDAMENTALISM" | Text of report in English by Moroccan news agency MAP web site

RABAT, Oct. 18 -(MAP)- A radio station devoted entirely to the holy Koran and to the explanation of a "tolerant" Islam has been launched in partnership between the Moroccan Ministry of Habous (public endowments) and Islamic Affairs, and the national radio RTM.

The launch ceremony of this radio baptized "Mohammed VI Koranic Radio" was chaired by Morocco's King Mohammed VI on Saturday in Rabat.

According to its promoters, this radio will reflect "Morocco's orientations in the religious field based on the commitment to Moroccan authentic values, unicity [sic] of faith and rite."

Its programmes will focus on a "message of tolerance and openness inspired from the holy Koran and the Sunna" (prophet's teachings).

It will be broadcast 10 hours a day during the holy month of Ramadan (fasting month).

A special commission made up of officials from the Ministry of Habous and Islamic Affairs and the RTM will see to the content of these programmes and their broadcasting.

This new radio station will tackle religion-related issues in particular fanaticism and extremism but will also teach Koran in Arabic and French languages as well as in Amazigh (Berber language).

Source: MAP news agency web site, Rabat, in English 18 Oct 04 (via BBCM via DXLD) WTFK??? I query again!

** SOUTH AFRICA. SENTECH B-04 Commencing on 31 October 2004.
All times quoted are UTC. All transmissions are Monday to Sunday, unless otherwise indicated. [you mean Wednesday to Tuesday??? gh]

CHANNEL AFRICA

Time	UTC	Freq	TxkW	Target Area	Language
0300-0355		9685	250	East/Central Africa	Swahili
0300-0355		7390	500	East/Central Africa	English
0300-0500		3345	100	Southern Africa	English
0400-0455		9565	250	Central Africa	French
0500-0555		11875	500	West Africa	English
0500-0700		7240	100	Southern Africa	English
0600-0655		15220	500	Far West Africa	English
0700-0800		11825	100	Southern Africa	English
0800-0900		11825	100	Southern Africa	Nyanja
0900-1000		11825	100	Southern Africa	Lozi
1000-1200		11825	100	Southern Africa	English
1200-1300		11825	100	Southern Africa	Nyanja
1300-1400		11825	100	Southern Africa	Lozi
1400-1600		11825	100	Southern Africa	English
1500-1555		17770	500	East/Central Africa	English
1500-1555		17780	250	East/Central Africa	Swahili
1600-1655		15285	500	West Africa	French
1700-1755		15285	500	West Africa	English
1900-2200		3345	100	Southern Africa	English

RADIO SONDER GRENSE

0500-0700	7185	100	Northern Cape, RSA	Afrikaans
0700-1700	9650	100	Northern Cape, RSA	Afrikaans
1700-0500	3320	100	Northern Cape, RSA	Afrikaans

SOUTH AFRICAN RADIO LEAGUE

0800-0900* 9750 100 Southern Africa English
0800-0900* 17700 250 East/Central Africa English
1900-2000** 3215 100 Southern Africa English
* Sunday ** Monday

BBC

0300-0330 9610 500 East/Central Africa Swahili
0300-0500 3255 100 Southern Africa English
0300-0500 6190 100 Southern Africa English
0300-0700 11765 250 West Africa English
0400-0430 15400 250 East Africa Swahili
0430-0500 3390 100 S.Mozambique Portuguese
0430-0500 6135 250 N.Mozambique Portuguese
0430-0500 7205 500 Angola Portuguese
0500-1700 6190 100 Southern Africa English
0500-1700 11940 100 Southern Africa English
0530-0600 15400 250 East/Central Africa Kirundi **

0700-0730 17695 500 Central Africa French
1500-1530 21490 500 East/Central Africa English
1530-1615 21490 500 East/Central Africa Swahili **

1530-1700 21490 500 East/Central Africa Swahili/
Kirundi*

1615-1700 21490 500 East/Central Africa English **

1700-1900 15420 250 East/Central Africa English
1700-2200 3255 100 Southern Africa English
1700-2200 6190 100 Southern Africa English
1730-1745 3390 100 Southern Africa Eng Teaching

1730-1745 7230 500 East/Central Af. Eng Teaching
1730-1745 9685 500 Angola & West Af. Eng Teaching
1745-1800 7230 500 East/Central Africa Swahili
1800-1830 7230 250 Indian Ocean Isles French
2030-2100 3390 100 S. Mozambique Portuguese
2030-2100 6135 250 N. Mozambique Portuguese
2030-2100 7205 500 Angola Portuguese

* Monday to Friday ** Saturday and Sunday

RADIO VLAANDEREN INTERNATIONAL

0600-0630 15530 250 Central Africa Dutch
1130-1200 17745 500 Central Africa Dutch *

1200-1230 17745 250 Central Africa Dutch
*Sundays only

FAMILY RADIO

1900-2100 3230 100 Southern Africa English

TRANS WORLD RADIO

0330-0345	7215	250	Ethiopia	34	Sidamo
0330-0345	7215	250	Ethiopia	567	Amharic
0600-0635	11640	500	Nigeria	12345	English
0600-0605	11640	500	Nigeria	67	English
1600-1630	9675	250	Burundi	1234567	Kirundi
1625-1655	9660	500	Somalia	1234567	Somali
1645-1700	9930	250	Ethiopia	123	Oromo
1645-1700	9930	250	Ethiopia	45	ambaata
1645-1700	9930	250	Ethiopia	67	Hadiya
1657-1712	9660	500	Sudan	23456	Juba
1657-1727	9660	500	Sudan	1 7	Juba
1700-1730	9930	250	Ethiopia	1234567	Amharic
1703-1718	7265	250	Mozambique	1234567	Sena
1718-1733	7265	250	Mozambique	1234567	Yao
1730-1800	9930	250	Ethiopia	12345 7	Oromo
1730-1800	9930	250	Ethiopia	6	Amharic
1733-1748	7265	250	Mozambique	2 5 7	Yao
1755-1825	9620	500	Burkina Faso	12345	Pulaar
1755-1825	9620	500	Ivory Coast	67	French
1810-1840	9720	250	Ivory Coast	1234567	Bambara
1830-1900	9510	500	Sahel	1234567	Fulfulde
1830-1900	9695	500	Nigeria	1234567	Hausa
1840-1910	9720	500	Burkina Faso	5	Songhai
1840-1925	9720	250	Ivory Coast	1234 67	French
1900-1930	9510	500	Nigeria	1234567	Yoruba
1900-1915	9695	500	Nigeria	1234567	Kanuri
1910-1925	9720	250	Mali	5	Moore
1925-1940	9720	250	Burkina Faso	6	Songhai
1925-1940	9720	250	Mali/Burkina Faso	12345	Moore
1930-1945	9510	500	Ghana	67	Ewe
1945-2000	9510	500	Nigeria	6	Igbo
1945-2015	9510	500	Nigeria	7	Igbo

Day 1 = Monday, Day 2 = Tuesday ...

UNITED NATIONS RADIO

1700-1715	7170	100	Madagascar	French	*
1700-1715	21535	500	Central Africa	French	*
1730-1745	7170	100	Southern Africa	English	*

* Monday to Friday

RADIO FRANCE INTERNATIONAL

0300-0400	7135	250	Central & East Africa	French
0700-0800	15170	250	Central & West Africa	French
1100-1200	17850	250	Central Africa	French
1200-1400	17850	250	Central & West Africa	French
1230-1300	21760	250	Central & West Africa	French
1600-1700	15160	250	Central & West Africa	English
1600-1700	9730	100	Southern Africa	English
1900-2200	7160	250	Central/North Africa	French

ADVENTIST WORLD RADIO

1700-1730	12130	250	East Africa	Swahili
1730-1800	12130	250	East Africa	Masai
1800-1830	3215	100	Botswana, Namibia	English
1800-1830	3345	100	Zimbabwe, Zambia	English
1800-1900	11925	250	East Africa	English
1930-2000	15255	250	Nigeria	Hausa
1930-2000	15365	500	Nigeria	Ibo
2000-2030	11845	250	Congo, Gabon	French
2000-2030	15365	250	Central Africa	French
2000-2100	15295	250	Central Africa	English
2030-2100	11845	250	Nigeria	Yoruba

FEBA RADIO

1500-1545	12125	250	Sudan	Nuer/Dinka
1545-1600	12125	250	Mozambique/Tanzania	Makonde
1600-1700	12125	250	Ethiopia	Amharic

(Kathy Otto, SENTECH, via Alokesh Gupta, New Delhi, dxldyg via DXLD)

** SOUTH CAROLINA [non]. Re 4-159: "Bro. Scare was talking about Planet X but rudely cut off for another much calmer gospel huxter in German from Switzerland (gh, DXLD)"

Yes, but right after the German speaking huckster the announcer identifies, also in German; approximate translation: "Dear listeners, the Voice of Russia will be back with you again tomorrow at 1100 o'clock CET". Kinda strange way of finishing if this were an independent lease from the transmitter provider and Voice of Russia had nothing to do with the deal. Maybe Bro. Stair knows better, although he calls Voice of Russia still Radio Moscow? 73, (Mauno Ritola, Finland, Oct 19, DX LISTENING DIGEST)

** SPAIN. Re 4-159, REE 6155 n o t new at all. Has been there regularly from March til October, regular in French to Europe like HFCC entry: 6155 2300-2400 Zones 18,27,28 N0B 250 kW 50 deg azimuth 280304-311004 FRENCH E REE 73 wb (Wolfgang B, schel, DX LISTENING DIGEST)

Glenn, I went to REE's web site and checked their shortwave schedule. The only 2300 to 2349 French schedule is on 15385 to America. 6155 is not listed anywhere for anything even though they are broadcasting on 6155 between 2300 to 2349 presently. Signal is Five by Five and with a confirmed ID at sign on. Should I drop the matter? (Chuck Bolland, FL, Oct 19, DX LISTENING DIGEST)

And on the REE Madrid theme, a harmonic (?) was heard on 7385 at 0625 on Oct. 17 at weak to fair strength before 'fading out'. It was carrying the same programme as 9710 & 5985 in Spanish. These two are on air only on Sat/Sun. to Europe. 73s (Noel R. Green, NW UK, Oct 19, dxldyg via DX LISTENING DIGEST)

** SWEDEN. And here's a more complete schedule from a spreadsheet:

Radio Sweden via new relay. For B-04 season, Radio Sweden has registered a new relay, from the RNW facility at Bonaire, Netherlands Antilles, as part of a reciprocal arrangement. This is scheduled for SAM, SEAs and Au, in Swedish, Mon-Fri 1130-1140 Russian program, and Sat/Sun 1130-1200 P4 program, on 9490-bo at 230 degree azimuth.

Radio Sweden also uses a relay at RCI Sackville, Canada, for services to SAM on 9490sa-163/189 deg at 0000-0030 and 0100-0130 in Swedish; to NAM 6010sa-277 at 0200-0400, En 0230+0330; and 15240sa-272 [see below] at 1400-1500 in Swedish, and English 1430 UT.

Radio Sweden also uses a relay at RNW Tananarive, Madagascar, for services to SEAs and Australia on 11550-050 deg at 0100-0200 in Swedish and English.

Radio Sweden will start their own DRM transmissions.

Here at Radio Sweden we plan to begin DRM test broadcasts, in co-operation with our transmitter operator TERACOM and Coding Technologies, at the end of 2004. So far our broadcasts in DRM have used facilities of our partners RCI and RNW.

DRM provides a considerable improvement in shortwave audio quality. Initially our test broadcasts will be directed to Europe. Information about broadcast times and frequencies will be available on our website.

We will continue with DRM relays of our English service to North America from RCI's transmitters in Sackville, daily at 2330-0000 UT on 9800-268 kHz 70 kW. [But xls.sheet shows 2300-2330 UT slot instead]

Both our English and German programs will continue to be relayed in DRM from RNW's transmitters in Flevoland, German 1300-1330, followed by English 1330-1400 UT on 7240fl-123deg, 40 kW.

Hoerby also relays Radio Canada International txions to the Middle East and North Africa:

5840-135 0330-0400 Arabic
5840-085 1600-1630 Russian
5850-180 1800-1900 English
5850-220 2000-2100 French
5850-220 2100-2200 English

Hoerby also relays R. Netherlands transmissions to southern Europe, ME, NAF and the Canaries:

5955-190 0600-0700 Dutch
5955-190 1715-1800 mo-fr Dutch
5955-190 1700-1800 sa-su Dutch

Radio Sweden Schedule: 31 October 2004 - 27 March 2005

Aramaic/Assyrian
1700-1715 ME/EaAF sa 7420-140

Belarusian [new language]
1800-1830 EU 5830-070 daily exc. every second Sunday
1800-1830 EU mo-sa 1179
1930-2000 EU 5830-070 daily exc. every second Sunday

[The transmissions in Belarusian (- note the spelling) are not part of the Russian service, but a new language service of Radio Sweden. They are on the air every second Sunday according to the leaflet -- Bernd Trutenu, Lithuania]

English
0130-0200 AU/AS 11550ma-050
0230-0300 NAM 6010sa-268
0330-0400 NAM 6010sa-277
0730-0800 EU su 1179
1330-1400 EU/AS/NAM 7420-040 11550-085 15240-305
1330-1400 EU 7240fl-123 40 kW D R M !!!
1430-1500 EU/ME/AF/AS/NAM 11550-070 15240sa-272
1830-1900 EU mo-sa 1179 6065-190

2000-2030 EU mo-sa 1179
2030-2100 EU/AS 6065-190 7420(alt.9415)-070
2230-2300 EU 1179 6065-190
2300-2330 NAM 9800sa-268 70 kW D R M !!!

Estonian
1700-1730 EU su 6065-070

German
0700-0730 EU su 1179
1300-1330 EU 7240fl-123 40 kW D R M !!!
1730-1800 EU 1179
1800-1830 EU mo-sa 6065-190
1930-2000 EU 1179 6065-190
2000-2030 EU su 1179 6065-190

Kurdish
1730-1745 ME/EaAF su 7420-140
1730-1800 ME/EaAF mo 7420-140

Latvian
1630-1645 EU mo-fr 5850-085
1715-1730 EU mo-fr 1179 6065-070

Romani - Gypsy programs
1700-1730 EU sa 1179 7420-140 [? su in leaflet]
1800-1830 EU sa 1179
1930-2000 EU sa 5840-145

Russian
1300-1330 EU/FE/AS 12075-055
1400-1430 EU 9865-085
1500-1530 EU/FE/AS 5850-055
1800-1830 EU mo-fr 1179
1800-1830 EU 5830-070
1930-2000 EU 5830-070
2000-2030 EU mo-sa 6065-085
2030-2100 EU mo-sa 1179 [? - Excel sheet and px leaflet differs]

Swedish
0000-0030 SAM 9490sa-163
0100-0130 AU/AS/SAM 9490sa-189 11550ma-050
0200-0230 NAM 6010sa-268
0300-0330 NAM 6010sa-277
1100-1130 EU/AF/AS sa-su 7420-040 9490-190
1130-1200 EU/ME/AF 11550-070 21810-160
1130-1200 SoAM/AUS sa-su 9490bo-230
1200-1230 NAM sa-su 15240-290

1300-1315 AS/EaNoAM mo-fr 7420-040 15240-290
1300-1330 AS/EaNoAM sa-su 7420-040 15240-290
1315-1330 ME/AU/AS/NAM mo-fr 11550-085 15240-290
1400-1415 ME/AF/AS/NAM mo-fr 11550-085 15240sa-272
1400-1430 ME/AF/AS/NAM sa-su 11550-085 15240sa-272
1415-1430 AS/NAM mo-fr 7420[13580 in M-05]-040 15240sa-272
1500-1530 ME/AF/AS/NAM 11550-070 15240-305
1600-1630 EU 5850-100
1730-1800 EU 6065-190
1900-1930 EU/ME/AF 1179 6065-100 7420(alt9415; [13580 in M-05]-130
9375-220
2000-2030 EU/AS 7420(alt9415)-070
2200-2230 EU 1179 6065-190
2300-2330 EU 1179

Swedish P1

0430-0500 EU/ME/AF mo-fr 1179 7465(alt9490)-135
0455-0700 EU 1179
0500-0600 EU/ME/AF mo-fr 7465(alt9490)-135
0500-0554 EU mo-fr 6065-190
0554-0700 EU mo-fr 6065-190 9490-220
0700-0800 EU mo-fr 9490-220
0800-1000 EU su 6065-190 9490(alt17505)-150
1545-1600 NAM 15240-305
1545-1700 EU 1179 6065-190
1645-1700 EU/ME/AF/SoAM 7420-140 13580-220
1700-1715 EU/ME/AF/SoAM mo-fr 1179 6065-190 7420-140 13580-220
1700-1730 EU su 1179
1715-1730 EU su-mo 7420-140
1730-1745 EU tu-sa 7420-140
1745-1800 EU tu-su 7420-140
2100-2200 EU/ME/AF/SAM 1179 6065-190 9510(alt9490)-220

Swedish P4

0700-0900 EU sa 1179 6065-190 9490(alt17505)-150
1100-1110 EU/AF/AS mo-fr 7420-040 9490-190
1130-1140 AU/AS/NAM/SoAM/AUS mo-fr 9490bo-230 11550-070 21810-160
1130-1200 SoAM/AUS sa-su 9490bo-230
1200-1210 NAM mo-fr 15240-290
1800-1900 EU su 1179 6065-190

bo = Relay via Bonaire ma = via Madagascar sa = Relay via Sackville
one of the most complex schedules ever seen, puuuhhh. wb.
(extracted from spreadsheet by via Wolfgang Bueschel, Sept 20, 2004,
DX LISTENING DIGEST)

[Re the correct azimuth of Sackville relay:] This is the new Radio
Sweden Schedule for 15240 the time slots in question (as received from

the frequency manager):

13.00-13.15	M-F	15240	290	N	Am
13.00-13.30	Sa+Su	15240	290	N	Am
13.15-13.30	M-F	15240	305	N	Am
14.00-14.15	M-F	15240/Sack	268	N	Am
14.00-14.30	Sa+Su	15240/Sack	268	N	Am
14.15-14.30	M-F	15240/Sack	268	N	Am
15.00-15.30	daily	15240	305	N	Am

So it seems that Sackville is using 268, not 305. Hoerby is using 290 and 305. Hope that helps! (Sean Gilbert, WRTH, Cumbre DX via DXLD)

Well, the excerpt above must concern Swedish only, since it skips English at 1330 and 1430 (gh, DXLD)

Sean, another look into the Sackville table shows a negative antenna offset = slew, of minus 13 degrees [272 -13], so real azimuth center should be 259 degrees??

Also other relays are on negative offset, like:

RCI 11905, 12015, 15245, 15305, 17765, 17820

CRI 9790, 11885, 13675, 17735

ORF 13675 73 wb (Wolfgang B.schel, Germany, DX LISTENING DIGEST)

** SWITZERLAND. ute: 17222 USB, Bern radio, ID carousel on 1505. Good signal Oct 17 (Zacharias Liangas, Thessaloniki Greece, <http://www.geocities.com/zliangas> Pesawat penerima: ICOM R75, Lowe HF150, Degen 1102, Chibo C300/c979, Yupi 7000, Antenna: 16m hor, 2x16 m V invert, 1m australian loop, DX LISTENING DIGEST)

** SWITZERLAND. VOICE OF SWITZERLAND PREPARES TO BOW OUT

From: <http://www.nzz.ch/2004/10/19/english/page-synd5281328.html>

The ``Voice of Switzerland'', which has been broadcasting to listeners around the world for almost 70 years, will fall silent later this month.

The last shortwave transmitter in Switzerland is shutting down, bringing an end to radio broadcasts at swissinfo/Swiss Radio International (SRI).

``For almost 70 years, shortwave has played a fundamental role in making the reality and the aspirations of Switzerland known to the world,`` said Nicolas Lombard, the director of SRI.

The Swiss Shortwave Service --- as SRI was first known --- started broadcasting in 1935.

One of the first shortwave radio stations of its kind, it was aimed at the Swiss living abroad who wanted to keep abreast of news and current affairs back home. Broadcasts in English began six years later in 1941.

``SRI really represented an umbilical cord for our countrymen and women abroad, and for many years they didn't have any other means of getting information about Switzerland,`` said Giovanni Conti, executive director of Swisscom Broadcast, which provided the technical support for shortwave broadcasting.

The rise of fascism in neighbouring countries was another factor that spurred the creation of SRI, whose mandate also included transmitting the country's national identity and federal principles abroad.

Neutrality

During the Second World War, the station developed its long-standing identity as a neutral voice during periods of international conflict. But SRI really came to the fore during the Cold War, when shortwave listeners around the world tuned in for unbiased coverage of global events.

By this time, the station was broadcasting in eight languages and was receiving up to 130,000 letters from listeners a year --- from all over the world.

``During this period of propaganda, Switzerland's neutrality certainly helped the success of SRI,`` said Lombard, who joined the service in 1965.

It is estimated that SRI had an international audience of between five and ten million people during this time.

New era

In 1972, SRI --- prompted by a move towards more powerful transmitting capabilities --- inaugurated the Sottens transmitter near Lausanne.

At 500 kilowatts, it was ten times more powerful than its predecessor at Schwarzenburg outside the capital, Bern, which dated from 1938.

But the 1980s saw the beginning of the decline of shortwave. The fall of the Berlin Wall left SRI executives wondering how they could adapt the station's neutral mandate to a new era of global entente.

Added to this was the advent of new technologies such as FM and

satellites, which gradually started to replace shortwave.

During the 1990s, SRI also began the process of transforming itself from shortwave broadcaster to multimedia internet outlet.

But it was the government's decision to cut funding to SRI that proved the final blow for shortwave radio.

Future

However, Conti sees the passing of radio as a transition rather than the end of an era.

``If one shuts off an old technology like shortwave, another one comes in its place like digital,`` he said.

``We must maintain a qualitative level of old technologies as long as possible, without, however, missing the boat on the new ones,`` added Corti.

Lombard agrees that new technology is the way forward.

``The internet cannot replace what was on offer on shortwave,`` he said. ``But it offers new and great possibilities for multimedia communication, which until now one couldn't possibly imagine.`` (via Ulis Fleming, dxldyg, Artie Bigley, DXLD)

** UKRAINE. B-04 Schedule: R. Ukraine Int (Corrected)

Apologies to all --- I made a mistake when re-arranging the sked for use in World DX Club, and had the wrong freqs for English at 0100 and 0400. The corrected version now follows. Many thanks to Glenn Hauser for spotting the slip-up (Alan Roe, WDXC via DXLD)

Unfortunately, I did not notice right away and also quoted the wrong frequency on last week's WOR. It's 7440 for the 0100 and 0400 English, not 5840, which will be used until 0100 including English to Europe at 2200, all B-04 not yet in effect (Glenn Hauser, DX LISTENING DIGEST)

** U K. BBC online Radio scheduler - Steam 3.0 - from Flixton Software Although geared for North American users, this could be handy for us too [from the website]:

The program reads and stores the schedules for the user's choice of BBC Radio and TV stations and displays a list of what's currently on in a small window. It will remind you when a favorite programme is about to start and allow you to quickly start that programme playing through RealNetworks' RealPlayer. More info at:

<http://members.cox.net/flixtonsoftware/Steam/>
(Mark Hattam, BDXC-UK via DXLD)

** U K [and non]. B-04 Schedule: BBCWS

Albanian (to Albania)

0630-0700 11845cy 7210ra 9635cy
1330-1445 s..... 15115sk 9750cy
1415-1445 .mtwtfs 15115sk 9750cy
1800-1830 6050cy 6130sk 7105ra
2100-2115 .mtwtf. 6050cy 7150ra 7205om

Arabic (to nAF/ME)

0000-0200 702om
0000-0300 6105ra 639cy 7140sk 9915sk
0000-2400 720cy
0300-0445 9915sk
0300-0600 11740cy
0300-0600 .mtwtfs 13660cy 7140cy
0300-1200 s..... 13660cy
0300-2400 s..... 7140cy
0330-0600 15180om
0330-2400 639cy
0400-0600 6110sk
0400-0730 7325ra
0430-0930 1314dh
0445-0600 9915ra 9915sk
0600-0730 9915sk
0600-0800 11740cy
0600-0900 15180cy
0600-1200 .mtwtfs 13660ar
0730-1100 17610sk
0800-1800 11820cy
0900-1130 21455au
0900-1630 15555cy
0900-1800 15180ra
1030-1300 1314dh
1100-1630 17585sk
1130-1300f. 1314dh
1200-1800 13660sk
1200-2400 .mtwtfs 7140cy
1500-2400 702om
1630-1800 11680cy
1630-2000 6030om
1700-2100 9915cy
1800-2100 11680sk 6110ra
1800-2400 9915cy
2000-2200 1314dh 6030om

2100-2400 5875ra 6110sk

Azeri (to cAS)

0400-0415 .mtwtf. 801ba
1000-1030 .mtwtf. 801ba
1530-1600 .mtwtfs 801ba
1800-1830 5875cy 7195ra 801ba 9750cy
1900-2000 801ba

Bengali (to sAS)

0030-0100 11850sn 6065om 9790ns
1330-1400 11835sn 7225ns 7430ta
1630-1700 5990ns 7205sn 9605sn

Brazilian (to SAM)

2230-2300 11965an 15390as 9870as

Burmese (to seAS)

0000-0030 11850sn 6065ns 9580sn
1345-1430 11685sn 13615cy 7135sn 9540sn

Dari (to ME)

0030-0100 1314dh 1413om 6020cy 7165cy
0130-0200 1314dh 17615ns 6020cy 7165cy
0200-0230 1251du
0230-0300 5875ra 6020cy 7320ra
0830-0900 15420cy 17870om
0930-1000 smtwt.s 1314dh
0930-1000 15420cy 17870om 1251du
1030-1100 15420cy 17870om
1400-1500 1251du 1314dh 13755ns 6195sk 9635cy
1600-1615 11785ns 9795cy

English (to CAM)

0100-0400 9525ok
0400-0600 6135de

English (to Carib)

0000-0500 5975an
1000-1100 .mtwtf. 6195an
1000-1400 s.....s 6195an
1100-1130 s.....s 15190an
1100-1130 .mtwtf. 15190an 6195an
1130-1200 .mtwtf. 15190an 6195an
1130-1700 s.....s 15190an
1200-1230 .mtwtf. 15190an 6195an
1230-1400 .mtwtf. 6195an
1230-1700 .mtwtf. 15190an

2100-2130 .mtwtf. 5975an
2100-2130 s.....s 5975an
2110-2130 .mtwtf. 11675an
2130-2400 5975an

English (to eAF)

0200-0300 9750se
0245-0300 11865se
0300-0400 12035se 9750cy
0330-0600 15420se
0400-0500 12035cy
0500-0530 s.....s 17885se
0500-0600 .mtwtf. 17885se
0500-0700 17640cy
0600-1400 s.....s 17885se
0800-1400 .mtwtf. 17885se
1300-1400 15420se
1400-1415 .mtw... 11860se 15420se
1400-1700 21660cy
1500-1530 11860se 15420se 21490me
1615-1700 s.....s 11860se 15420se 21490me
1630-1700 .mtwtf. 15420se
1700-1745 6005se 9630se
1700-1900 15420me
1730-1745 7230me
1830-2100 6005se 9630se
2100-2300 9605se

English (to eAS)

0000-0030 11945ya 17615ns
0000-0530 15280ns
0000-2400 675hk
0030-0100 17615ns
0300-0500 15575om 17760ns
0300-1030 21660ns 15360ns 9605ya
1000-1400 17760ns
1030-1100 11945ns 21660ns 9605ya
1400-1600 7160ns
2100-2200 6110ya 5965ns
2300-2400 11945ya 15280ns
2330-2400 6170km

English (to EU)

0000-0330 1260mo
0000-2400 6480r
0055-0330 666ek
0300-0400 6195ra 9410sk 9410cy
0330-0700 s..... 1260sp 1260mo 666ek

0400-0500 6195ra
0400-0600 6195sk 9410cy 9410ra
0430-0800 s.....s 612ki
0500-0700 15565cy 9410sk
0500-0800 6195ra
0506-0700s 1260sp 1260mo 666ek
0530-0545 6010sk 9815ra
0600-0700 7160sk 12095wo
0600-0700 .mtwtf. 1260sp 1260mo 666ek
0600-0900 9410sk
0606-0700 .mtwtf. 612ki
0630-0645 s.....s 9875cy
0700-0800 12095wo 17830ra
0700-1500 17640sk
0700-1700 12095wo 15485sk
0700-1800 15565ra
0706-0800 .mtwtf. 612ki
0715-0730 1260sp 1260mo 666ek
0730-0900 1260sp 1260mo 666ek
0800-1500 17640wo
0915-1000 1260sp 1260mo 666ek
1000-1500 7320ra
1006-1100 1260sp 1260mo 666ek
1115-1300 1260sp 1260mo 666ek
1230-1245 15425wo
1306-1400 .mtwtf. 1260sp 1260mo 666ek
1315-1600 s.....s 1260sp 1260mo 666ek
1400-1415 .mtw... 21490ra
1400-1500 612ki
1500-1600 12095wo
1530-1600 612ki
1600-1700 12095wo 17820ra 9410wo
1700-1800 12095wo 17820sk
1700-1900 12095wo
1700-2000 6195sk 6195cy
1700-2200 9410cy
1700-2300 6195ra
1730-1800 5875cy 6015sk 612ki 7190ra
1800-2000 13700sk
1830-1845 .m.w... 6050cy 6130sk 7105ra
1930-2000 1296or
2000-2100 1296or
2000-2100 .mtwtf. 612ki
2000-2130 s..... 1260mo
2000-2200 s..... 1260sp 666ek
2000-2230 s.....s 612ki
2000-2300 6195cy
2100-2130s 1260mo

2100-2200s 1260sp 666ek
2130-2200 .mtwtf 1260sp 666ek
2130-2230 .mtwtf. 612ki
2130-2400 1260mo
2300-2400 6195ra

English (to ME)

0000-0030 1314dh
0000-0200 9410cy
0000-2400 1323cy
0200-0300 9410cy
0300-0330 639cy
0300-0400 1413om
0500-0600 11760om
0600-0730 .mtwtf. 15575 ??
0600-1200s 15575 ??
0700-1400 11760om
0900-1200 .mtwtf. 15575 ??
1300-1400 1314dh
1800-1830 1413om
1900-2100 1413om
2200-2400 1314dh

English (to NAM)

0000-0100 6010sa [neglect to mention these two are DRM, and I expect
0400-0500 6010sa some other entries are too; who cares?? --- gh]

English (to sAF)

0300-0400 6005as
0300-0500 3255me 6190me
0500-1700 11940me 6190me
0800-1300 21470se
1300-1900 21470as
1700-2200 3255me 6190me
1730-1745 3390me
1830-2000 5975ns
1900-2100 12095as
2100-2200 6005se

English (to SAM)

0000-0300 12095as 9825sk
0400-0500 5975an
0900-1000 15190as
1100-1130s 15190as 15190an
1100-1130 .mtwtf. 15190an
1100-1130 17790as
1130-1200 .mtwtf. 15190an
1130-1700s 15190an

1200-1230 .mtwtf. 15190an
1230-1700 .mtwtf. 15190an
2100-2400 12095as
2110-2115 .mtwtf. 11675an
2115-2130 .mtwtf. 11675an 15390gr

English (to Falklands)
2130-2145 ..t..f. 11680ra

English (to sAS)
0000-0300 15310ns 17790sn
0030-0100 9580sn
0100-0300 11955om
0200-0230 1413om
0300-0600 15310om
0300-0700 17790ns
0600-1800 15310ns
0700-1600 17790om
1300-1400 1413om
1445-1500 .mtwtf 1413om 15245ns 6140om 7205om
1500-1600 5975sn
1530-1545 11685sn 9600sn
1600-1800 11750sn 3915sn
1600-1830 5975ns
1800-1830 11750ns
2100-2200 3915sn
2200-2300 7105om

English (to seAS)
0000-0030 3915sn
0000-0100 11955ns 5970om 9740sn 9740sn
0000-0200 6195sn 6195sn
0000-0300 15360sn
0300-0500 15360ns
0500-0900 11955ns 15360sn 15360sn
0500-1000 17760sn
0900-1000s 6195sn 6195sn 6195ns 9740sn
0900-1030 s..... 6195ns
0900-1100 smtwtf. 6195sn
0900-1100 .mtwtf. 6195ns
0900-1600 smtwtf. 9740sn 9740sn
1000-1100s 6195sn 6195sn 6195ns
1000-1600s 9740sn 9740sn
1030-1100 15285sn
1100-1700 6195sn 6195sn
1130-1145 11920ns 7135sn
1600-1800 7160sn
2100-2200 6195ns

2200-2300 11955sn
2200-2400 6195sn 6195sn 9740sn
2300-2400 11955ns 3915sn

English (to wAF)
0300-0400 11765me
0300-0500 11760cy
0300-0600 7160as
0400-0500 11765me
0400-0705 6005as
0500-0700 11765me
0630-0700 15400as
0700-0800 11765as
0700-1000 .mtwtf. 15400as
0700-1130 s.....s 15400as
0705-0720 6005as
0800-1000 .mtwtf. 17830as
0800-2100 s.....s 17830as
1100-1130 .mtwtf. 15400as
1100-2100 .mtwtf. 17830as
1230-1245 17780as 21640as
1330-1345 15105as 17810as
1500-2300 15400as
1730-1745 9685me
1915-1930 15105as 17885as

English (to wAS)
0200-0300 6195cy
0500-0600 .mtwtfs 15575cy
0500-1500 s..... 15575cy
1200-1500 .mtwtfs 15575cy
1600-1700 17790cy

Farsi (to ME)
0230-0300 11750om 1413om 7165cy 9875cy
0230-0330 1251du
0230-0430 1314dh
0300-0400 9875ra
0300-0430 11750cy
0300-0430 7165cy
0400-0430 9875ra
0930-1030 smtwt.s 12035dh
0930-1030 21515sk
0930-1130f. 12035dh 1314dh
1000-1030 1251du
1030-1130f. 21515sk
1600-1700 1413om 6195sk 9915cy
1600-1800 13755ns

1600-2000 1314dh 6090om 9510sn
1615-1700 1251du
1730-2000 1251du
1800-2000 11935ns
1830-1900 1413om

French (to AF)

0430-0500 17885se 6155as 7105as
0600-0630 11680cy 7105as 7180ra 9610as
0700-0730 15105as 17695me
1200-1230 15425wo 17780as 21640as
1800-1830 15105as 17885as 21630as 7230me 9815wo

Greek (to seEU)

2215-2245 s....fs 6180cy 7210cy 9760cy

Hausa (to wAF)

0530-0600 6135as 7105as 9610as
1345-1415 15105as 17810as 21640as
1930-2000 11855as 15105as 17885as

Hindi (to sAS)

0100-0130 11750sn 1413om 15510ns 6065om 7110ta 7320cy
0230-0300 11725om 15405ns 15510ir 17615ns
1400-1445 11920sn
1400-1445 .mtwtfs 1413om 15245ns 6140om 7205om
1400-1445 7430ta
1400-1500 s..... 1413om 15245ns 6140om 7205om
1700-1730 1413om 6065ns 7205sn 7235om 9605ns

Indonesian (to seAS)

1100-1130 11920ns 7135sn 9510sn
1300-1330 11945sn 6030om 6035ns 7135sn 9540sn
2200-2300 3915sn 6080sn 7235sn 9510ns

Kazakh (to cAS)

1300-1330 .mtwtf. 15155ra 17690ra

Krwanda/Krundi (to eAF)

0530-0600 s.....s 15400me 17885se
1630-1700 .mtwtf. 11860se 21490me

Mandarin (to China)

1100-1300 11945ns 21660ns
1100-1530 15285sn 7330vl 9605ya
1300-1530 6090km 7105ns
2200-2300 11945ya 6110ns 7160ns 6170km 7150om 9580ns

Nepali (to sAS)

1500-1530 11685sn 7430ta 9600sn

Pashto (to AS/ME)

0100-0130 1314dh 17615ns 6020cy 7165cy
0200-0230 1314dh 17615ns 6020cy 7165cy
0300-0330 6020ra 6150dh 9510cy
0900-0930 15420cy 17870om
1000-1030 smtwt.s 1314dh
1000-1030 15420cy 17870om
1100-1130 15420cy 17870om
1500-1600 1314dh 13755ns 6195sk 7190cy
1615-1700 11785ns 9795cy

Portuguese (to sAF)

0430-0500 3390me 6135me 7205me
2030-2100 11695ra 11855as 3390me
6135me 7205me 9565sk

Romanian (to seEU)

0600-0615 9875cy
0615-0630 s.....s 9875cy
1200-1230 11680cy
1600-1630 6050cy
1900-1930 6050cy

Russian (to cAS/Russia)

0200-0230 801ba
0300-0305 801ba
0300-0330 5875ra 7265cy 9670om
0305-0330 801ba
0330-0400 1251du
0330-0430 .mtwtfs 6065sk 7265cy
0330-0430s 612ki
0330-0500 .mtwtfs 5875ra 5875wo 7230ra 9670cy
0330-0500 .mtwtf. 612ki
0330-0506s 1260sp 1260mo 666ek
0330-0533 .mtwtf. 1260sp 1260mo 666ek
0430-0500 .mtwtfs 11845cy
0500-0530 .mtwtf. 11845cy 6020wo 7295ra 9670wo
0533-0600 .mtwtf. 1260sp 1260mo 666ek
0700-0715 1260sp 1260mo 666ek
0900-0915 1260sp 1260mo 666ek
1000-1006 1260sp 1260mo 666ek
1100-1115 1260sp 1260mo 666ek
1300-1306 .mtwtf. 1260sp 1260mo 666ek
1300-1315 s.....s 1260sp 1260mo 666ek
1400-2130 .mtwtf. 1260sp 1260mo 666ek

1600-1700 612ki
1600-2000 s..... 1260sp 1260mo 666ek
1600-2100s 1260sp 1260mo 666ek
1630-1633 s..... 7435mo
1630-1700s 7435mo
1633-1700 s..... 7435mo
1730-1900 11670wo 13640ra
1730-2000 7325cy 9635cy 9825wo
1830-1900 801ba
1900-2000 11925ra 5875cy 5990ra
2000-2030 .mtwtf. 5875cy 5990ra 7325cy 9635cy 9825wo
2000-2100s 5875cy 5990ra 7325cy 801ba 9635cy 9825wo
2000-2130 .mtwtf. 801ba
2100-2130 .mtwtf. 612ki

Serbian (to seEU)

0500-0515 6130wo 7210ra 9510cy
0545-0600 6010ra 7210cy 9510cy
1130-1145 11680cy 13650ra 15325wo
1700-1730 6050cy 7255wo 9635ra

Sinhala (to sAS)

1515-1545 6140om 9680sn

Somali (to eAF)

1100-1130 17850cy 21590dh
1400-1500tf. 11860se 15420se 21490ra
1415-1500 smtw..s 11860se 15420se 21490ra
1800-1830 6005se 9630se 9695wo

Spanish (C+SAM)

0000-0115 11765as 5875ra 5875sk 6110as 6110an 9855as
0115-0130 ..twtfs 11765as 5875ra 5875sk 6110as 6110an 9855as
0300-0345 5995de 6110an 7325ra 7325sk 9515de
0345-0400 ..twtfs 5995de 7325ra 7325sk 9515de
1100-1130 .mtwtf. 17820as 6110gr 6130de 9670an
1300-1330 .mtwtf. 15325gr 6130de 9670de

Swahili (to eAF)

0300-0330 11865se 7235ra 9610me
0400-0430 11730se 15400me 7185as
1530-1615 s.....s 11860se 15420se 21490me
1530-1630 .mtwtf. 11860se 15420se 21490me
1745-1800 6005se 7230me 9630se

Tajik (to cAS)

1500-1530 11670sk 1251du 7180cy

Tamil (to sAS)
1545-1615 6140om 7205ns 9680sn

Thai (to ME/seAS)
1234-1300 15265cy 7135sn 9540sn
2330-2400 6060om 7185cy 9580sn

Turkish (to seEU)
0500-0530 .mtwtf. 6010sk 7130ra
0900-1000 s..... 7120cy 9410cy
1600-1700 12010sk 5875ra 9530ra
2030-2100 .mtwtf. 7115ra 9670sk

Ukrainian (to Ukraine)
0500-0600 .mtwtf. 5875ra 612ki 7260sk 9895cy
0600-0606 .mtwtf. 612ki
0700-0706 .mtwtf. 612ki
0800-0806 .mtwtf. 612ki
0900-0906 .mtwtf. 612ki
1000-1006 .mtwtf. 612ki
1500-1530 11865ra 13640sk 15470ra 612ki
1700-1730 5875cy 6015sk 612ki 7190ra

Urdu (to sAS)
0130-0200 11750om 1413om 15510ns 6065om 7320cy
1500-1545 7205ns
1500-1600 11920sn 1413om 6035om 9510cy
1730-1800 1413om 6065ns 7205sn 7235om 9605ns

Uzbek (to cAS)
1600-1630 s..... 7325cy 7435mo 9635om
1600-1700 .mtwtf. 7325cy 7435mo 9635om
1700-1730 1251du

Vietnamese (to seAS)
1430-1500 11685sn 1503tp 6135sn 7135sn
2300-2400 11685sn 6080ns 7105sn

Transmitters:

an = Antigua

ar = Armavir

as = Ascension

au = Austria

ba = Baku

cy = Cyprus

de = Delano

dh = Dhabayya

du = Duchanbe

ek = Ekaterinburg
gr = Greenville
hk = Hong Kong
ir = Irkutsk
ki = Kiev
km = Kimjae
me = Meyerton
mo = Moscow
ns = Nakham Sawan
ok = Okeechobee
om = A'Seela, Oman
or = Orfordness
ra = Rampisham
sa = Sackville
se = Seychelles
sk = Skelton
sn = Singapore
sp = St. Petersburg
ta = Tashkent
tp = Taipei
vl = Vladivostok
wo = Woofferton
ya = Yamata

(VT via Alokesha Gupta in hcdx and dxldyg mail lists - re-arranged into language order by Alan Roe, World DX Club via DXLD)

** U S A [non]. I have been monitoring Family Radio today Oct. 19 via new(?) 7580.

It opened at 1300 in English with the same programme as that heard on 11560 - but not in sync (sat delay?). At 1400 there was a break in audio for about 5+ minutes while 11560 continued in English. When 7580 resumed it carried a different English service to that heard via 11560. At 1500 there was an audio break of about three minutes on 11560 but not on 7580 which started Hindi. 11560 then joined in with the same programme.

At 1545 re-tune 11560 had faded down and nearly out and was more or less an impossible copy in local noise, but 7580 was still on air at good strength in Hindi. This stopped after an ID at 1600 but carrier remained on. At about 1609 a Family Radio ID and announcement was given in Chinese and was followed by another Hindi transmission.

Audio has had several breaks on 7580 and some 'drop outs' of carrier noticed when no audio present. If it isn't via Taiwan then maybe an additional relay from a site closer to India? (Noel R. Green, NW UK, Oct 19, dxldyg via DX LISTENING DIGEST)

Hi Noel, the \\ frequency to WYFR 11560 via Taiwan was 15520 in En/Hi via Al Dhabbaya site this summer. I didn't check 15520 today, so seemingly replaced by 7580 kHz instead. Part of WYFR schedule via Asia:

0000-0200 15195 Taiwan
1300-1600 11560 Taiwan
1400-1700 15520 Al Dhabbaya Abu Dhabi
1500-1700 6280 Taiwan
73 (Wolfgang Bischel, Germany, *ibid.*)

Hello Glenn, This transmission just started a few days ago. Comes from Samara, Russia. English 1300-1500 UT; Hindi 1500-1700. Best regards, (Dan Elyea, Okeechobee, Oct 19, DX LISTENING DIGEST)

Then I asked Dan for Family Radio's complete sked via other sites, and he sent this, not including MW; note that the A-04 frequency is on the left and B-04 on the right, and in some cases the time changes:

WYFR RENTAL FACILITIES ñ 2004

A04 B04

MERLIN [sites not specified; includes S. Africa, Ascension, UAE?]

kHz	UTC	Language	kHz
3230	1900-2100	EN	3230
3955	0400-0500	GE	3955
13700	1700-1800	AR	9530
13740	1800-1900	EN	7240
13720	1800-1900	AR	13720
15165	1900-2000	AR	5965
15195	2000-2100	EN	15195
15520	1400-1700	INDIA	15520
21680	1700-1800	EN	21680

DTK-T-SYSTEMS [J.lich, Germany]

11785	1700-1800	TU	9605	1800-1900
13590	2000-2100	FR	11750	
13720	1700-1800	AR	13720	
13855	2000-2100	AR	9605	

RN-MDG [Madagascar]

6020 1900-2100 EN 6020
9525 0500-0600 POR 9845

11920 1800-1900 SWA 11805

VOR-VOICE OF RUSSIA [sites not specified]

7350	1900-2000	SP	7440
7350	2000-2200	EN	7360
7360	1900-2000	GE	7370
9490	1900-2000	IT	6205
9495	1700-1900	RU	7435
12060	1900-2000	FR	7240
7580	1300-1400	EN	7580
7580	1400-1500	EN	7580
7580	1500-1600	HI	7580
7580	1600-1700	HI	7580
9450	0900-1000	EN	9450
9450	1000-1100	EN	9450
9450	1100-1200	KO	9450

9/27/04 (via Dan Elyea, WYFR, DX LISTENING DIGEST)

6855, WYFR Family Radio, Okeechobee FL; 0420-0431+, 14-Oct; Bro. Camping with low-key Bible thumping and taking calls on 'Open Forum'. Family Radio spot at 0429. SIO=4+54+ Heard here for a week or so (Harold Frogde, MI, MARE via DXLD) Is he a 'brother'? Always assumed a rev, but I don't know. I STILL think we blew it by not offering him a hundred dollars to buy WYFR on the day AFTER he said the world would end (Ken Zichi, MI, MARE ed.) I seem to recall he is not ordained. Not to be confused with: (gh)

CRYSTAL SHIP: 6854.08/AM, 2330-2340:48*, 14-Oct; Red Baron, Don't You Want Somebody to Love. ID at 2336, then Ramones' We Want the Airwaves. QSL via Belfast or tcsshortwave @ yahoo.com for 20-year-old QSL card design. SIO=3+44- (Harold Frogde, MI, MARE via DXLD)

** U S A. Today Oct. 19 I found WEWN 5825 putting out two spurs at 0725. One on about 5841.7 and the other about 5816.7. Both were good enough to listen to (Noel R. Green, NW UK, Oct 19, dxldyg via DX LISTENING DIGEST)

** U S A. 720, WGN, Chicago IL, "Website Wednesday" Wed night. Start time varies, usually midnight, or 1 am ET. End time varies, 2, 3 or even almost 4 am ET. The 1-2 am hour is usually best; if you can only tape one hour. 10/6 Woman caller said her computer called her a "loser", and made other sounds. Someone figured out it was a virus. Previous week, hosts got a protest letter from a guy in Michigan who lives without TV, phone, water-heater, etc., but does have a solar-powered radio :-) (Larry Russell, MI, MARE via DXLD)

** U S A. Great Barrington, MA Community Low Power FM Clears Last Hurdle --- Via Berkshire Eagle web site:
<http://www.berkshireeagle.com/Stories/0,1413,101~7514~2471722,00.html>

PROTEST OF RADIO ANTENNA DROPPED
By Ellen G. Lahr, Berkshire Eagle Staff

GREAT BARRINGTON -- Barring further obstacles, the way has been cleared for a community-operated FM radio station to begin broadcasting in town later this month.

Neighbors who opposed an FM antenna on the roof of Fairview Hospital will not challenge the Selectmen's Sept. 7 permit allowing the installation.

Last day for appeal

Yesterday was the last day for an appeal of the Selectmen's decision to award the special permit.

"We decided it wouldn't be neighborly," said Susan Freniere, whose house faces the Lewis Avenue hospital and had objected to the new structure. "We realized we could have blocked [the project], but it would have made them miss their deadline," she said. "We just want to be good neighbors."

The bigger issue, she said, is the overall "commercialization" of the Fairview Hospital property, especially its rooftop with its small crop of antennas, which are in the heart of a residential neighborhood and obstruct some residents' views.

The Selectmen have indicated they want more information about the nonprofit hospital's rooftop commercial ventures at a future meeting. The town is involved in a lawsuit with Verizon Wireless over that company's effort to place transmission antennas on the roof, which could bring about \$30,000 in lease money to Fairview.

The town has blocked the Verizon antennas there for zoning reasons that don't apply to the new radio station's permit, and Verizon has appealed the case in court.

Meanwhile, the Berkshire Community Radio Alliance has until Oct. 25 to get its low-power, 100-watt signal up and running, or the Federal Communications Commission will revoke the license it granted last year.

Yesterday, alliance member Ann Condon said negotiations are still under way for a permanent studio space in Great Barrington. Treasurer

Ben Shalles said the group expects to have a studio by January.

However, a studio isn't necessary in order to get a signal on the air by Oct. 25. Automated programming can be broadcast by remote computer that has pre-recorded programming, until a studio is set up for live broadcasts.

Much of the equipment has been delivered already to a local business that is providing temporary storage. The transmission antenna pole will be installed at Fairview Hospital next week, said Condon.

Programming proposals

The all-volunteer radio organization's programming committee is taking applications from people interested in hosting music shows, talk shows and other events on the new station, WBCR, which will transmit at 97.7 FM, said Condon. Interested people can also visit the group's Web site, <http://www.berkshireradio.org> to find more information.

The station is expected to have a coverage area extending about four miles in every direction from its Fairview Hospital transmitter site.

In early October, organizers announced receipt of a \$25,000 grant to help pay for the purchase and installation of new equipment.

The group has also raised about \$17,000. Today, a tag sale is being held at the Zenn New Media building on Castle Hill in Great Barrington to raise additional funds.

The tag sale coincides with the Great Barrington Farmers' Market, which has its last Saturday event at the adjacent train station.

At the Selectmen's Sept. 7 public hearing on the radio alliance's request for a special permit, a number of hospital neighbors complained that they objected to the further visual intrusion of a rooftop antenna, the expanded commercial use of the hospital roof and potential health effects of the low-power radio transmission. The Selectmen granted the permit over their objections (via Pete Costello, Artie Bigley, DXLD)

** U S A. FRANKEN MOVES IN ON LIMBAUGH --- by JOHN MAINELLI
<http://www.nypost.com/entertainment/32161.htm>

October 19, 2004 -- CRITICS said it wouldn't happen ó but all-lib eral WLIP is seriously challenging talk-radio rivals WABC and WOR. According to Arbitron ratings released yesterday, WLIP thrashed WOR and nipped at the heels of top-dog WABC among the 25- to 54-year-old listeners advertisers chase.

"The elections are giving them an added boost in a largely liberal town, [and] they're benefiting from the whole Bush-Kerry thing," said Mark Lefkowitz of the Furman Roth ad agency.

"WABC has proven that it works in election years and not, [so] it'll be interesting to see what happens to WLIB . . . after the November election," Lefkowitz told The Post.

During midday, when both stations roll out their top guns ó WABC's Rush Limbaugh vs. Air America's Al Franken ó WABC is ranked 15th in listeners 25-54, followed closely by WLIB, which ranked 18th.

WOR trails badly, finishing 27th in midday.

Meanwhile, Howard Stern ó who's been basking in massive media attention thanks to FCC fines, noisy cancellations, and his loudly-trumpeted move to satellite radio in 15 months ó hit a new ratings high over the summer. Stern's 8 percent total-audience share dwarfed runners-up La Mega and all-news WINS.

The shock jock has been criticized by his bosses and affiliates for doing "non-stop commercials" for satellite radio during the past week. But he finally stopped talking about it on his K-Rock show yesterday ó save for one vague sentence:

"I'm in a lot of magazines for a reason that I won't go into on the air," Stern told listeners, "and in each magazine my hair looks worse than before." (via Tom Sundstrom, NJ, Artie Bigley, OH, DXLD)

I thought you might be interested in this article from today's New York Post. It's a rating report update on the upstart WLIB versus the big talk talkers. Not bad, considering the WLIB is tough to hear in central NJ on south (Tom Sundstrom, NJ, DX LISTENING DIGEST)

** U S A. RADIO FREE MOSCOW (USA) IS ON THE AIR
Moscow - Idaho, October 15, 2004, By Greg Meyer

Several years ago, the Federal Communications Commission (FCC) announced it was taking license applications from groups who wanted to start non-commercial, low-power FM radio stations in their communities. That's when a small band of radio people got together in Moscow, with the idea of starting an independent, free-form station. The result is a brand new 100-watt FM station which is now on the air - KRFP-FM.

Borrowing the catchy tag line Radio Free Moscow from the good old days of KUID-FM, free-lance radio reporter Leigh Robartes and some like-

minded folks set out back in 2001 to make their dream a reality.

"Because of the homogenization of radio, and because of the large chains that sometime own more than 1,000 stations in this country, localism has gone out of radio," said Robartes.

KRFP has been on the air since Tuesday, and can be heard throughout Moscow and even out into the countryside. Leigh Robartes is thrilled, but admits it has been a long road getting to this point.

"We were up against an FCC-imposed deadline in late November," he said. "If we weren't on the air by a certain date we would have lost our license opportunity forever. We had 18 months to get on the air, and we made it in about 16 and a half months."

The station is located upstairs in the 100-year-old Anderson building in downtown Moscow. And there is still plenty of work left to do before holding any kind of open house.

"You know, we have to adjust levels," said Robartes. "We have to hook up the turntables and the tape decks. We have to move computers around. We have to get our automation system going, because, in the middle of the night, we're going to probably run on automation, at least until we get enough DJ's to run 24 hours."

Some \$20,000 needed to be raised to get the station on the air and fund raising is ongoing to keep it on the air. Volunteer DJs, talk show hosts and field producers are still needed to round out the programming schedule. Robartes said the focus will be on providing the community with a variety of news, information and music.

"We're planning on having a local news department," he said. "We're going to go around and record local events, like panel discussions. We did the candidates forum, which has already aired, with the League of Women Voters. We're going to have call-in talk shows. We have two phone lines, so we definitely want to engage the community in community issues. And, of course, we're going to have music shows."

So, if you're in Moscow or driving through Moscow, and you want to tune in to a brand new station, just set your FM dial to 92.5 and check out Radio Free Moscow.

Anyone interested in helping out the non-profit organization that operates the station can call them at (208) 892-9300 or visit their web site at: <http://www.radiofreemoscow.com>
<http://www.klewtv.com> (via Mike Terry, dxldyg via DXLD)

** VENEZUELA [non]. See IRAN

UNIDENTIFIED. UNKNOWNISTAN: 11690, Radio Salama (via UK?); *1700-1757*, *1800, 19-Oct; English 1700 to about 1715 then Spanish? to about 1750 then Arabic till sign-off. ID at s/off. Presume them back on in Arabic at 1800. S10=253- after Jordan off (Harold Fodge, MI, Cumbre DX via DXLD)

POWERLINE COMMUNICATIONS

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POWERLINE ETHERNET GETS THE NOD

The past two years have seen several BPL trials pop up in rural U.S. areas, and some companies have even installed permanent deployments. But it's difficult to see BPL becoming a widely successful business for utilities, says Meta Group Inc. analyst David Willis.

"If they have the goal of having cheap broadband in, say, two years -- by that time, the market will have completely changed. It won't be about \$30 broadband; it'll be about wireless and security and voice and other things," Willis says. With fiber-to-the-home (FTTH) and WiMax deployments already underway, the utilities "have so much catching up to do."

The best area for BPL would be upscale suburbs -- but that's the case for every other broadband technology, especially FTTH. "No matter where they go, they're already getting squeezed by somebody that's already in the market," Willis says.

Full Story -

http://www.lightreading.com/document.asp?site=lightreading&doc_id=61210
(via Kenneth Kopp, dxldyg via DXLD)

RADIO EQUIPMENT FORUM

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TEMPEST

Re DXLD 4-159 In the article about a TV set interfering with 121.5 MHz distress frequency David Mandrell is quoted:

"David Mandrell, squad leader for the CAP team that responded to the TV's distress call, attempted an explanation. "All electronic equipment creates a frequency called a tempest," he said. "Sometimes these frequencies emit low-level signals that are close to the 121.5 MHz signal."

Close but no cigar. In secure communications circles, the term TEMPEST is the name of a US Government standard to protect classified data from being accidentally transmitted into the aether by computers or their peripherals. If an encrypted transmission is intercepted, and the clear text version of that transmission is accidentally radiated, an eavesdropper can compare the two streams and decipher the key used to encrypt the transmission. If that key is used for another transmission, the interceptor can decrypt the data in real time simply by intercepting the encrypted transmission. Now you know why the government pays so much attention to the problem.

From <http://www.fact-index.com/t/te/tempest.html>

"TEMPEST is a U.S government code word for a once-classified set of standards for limiting electric or electromagnetic radiation emanations from electronic equipment such as microchips, monitors, or printers. It is a counter-intelligence measure aimed at the prevention of electronic espionage.

"The key concept of TEMPEST is "red-black separation", i.e. maintaining distance between equipment used to handle classified or sensitive information (red) and normal unsecured equipment (black).

"Basic TEMPEST standards have not been classified since 1995 and today the United States Army acknowledges its TEMPEST testing facility, the U.S. Army Information Systems Engineering Command, at Fort Huachuca, Arizona. The TEMPEST standard NSTISSAM TEMPEST/1-92 is publicly available.

"In 1985, Wim van Eck published the first unclassified technical analysis of the security risks of emanations from computer monitors. This paper caused some consternation in the security community, which had previously believed that such monitoring was a highly sophisticated attack available only to governments; van Eck successfully eavesdropped on a real system, at a range of hundreds of metres, using just \$15 worth of equipment plus a television set. In consequence of this research such emanations are sometimes called "van Eck radiation", although it is realised that an unknown government researcher had discovered it long before."

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(Joe Buch, DE, DX LISTENING DIGEST)
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Altho published in a Corvallis OR paper, a graphic glimpsed on CNN about this showed Eugene instead. I still don't find a channel 5 around there. Not that CNN is reliable with graphics (gh, DXLD)

PROPAGATION

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The geomagnetic field ranged from quiet to major storm levels. The period began with mostly quiet to unsettled levels with isolated high latitude active periods persisting through 12 October. The most disturbed levels were due to occasional sustained periods of southward Bz. The CIR and associated HSS that began on 13 October produced occasional active periods at all latitudes, and major storm periods at high latitudes. By 15 October, the geomagnetic field returned to predominantly quiet to unsettled levels with isolated minor storm periods at high latitudes. The period ended with quiet to unsettled levels at all latitudes on 16 and 17 October.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 20 OCTOBER - 15 NOVEMBER

Solar activity is expected to be very low to low with the chance for moderate levels during the first half of the forecast period. A new active region, rotating into view on the NE limb on 20 October, may increase solar activity levels. Several new small sunspot groups were also emerging on the visible disk on 19 October.

A greater than 10 MeV proton event is not expected.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels on 20 October, and again on 10 ñ 13 November.

The geomagnetic field is expected to range from mostly quiet to unsettled with isolated active periods. From 09 ñ 11 November, a recurrent high speed coronal hole wind stream is expected to produce occasional active to minor storm periods, with major storm periods at high latitudes.

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:Product: 27-day Space Weather Outlook Table 27D0.txt
:Issued: 2004 Oct 19 2211 UTC
# Prepared by the US Dept. of Commerce, NOAA, Space Environment Center
# Product description and SEC contact on the Web
# http://www.sec.noaa.gov/wwire.html
#
#      27-day Space Weather Outlook Table
#      Issued 2004 Oct 19
#
#      UTC      Radio Flux      Planetary      Largest
#      Date      10.7 cm      A Index      Kp Index
2004 Oct 20      105          5          2
2004 Oct 21      110          5          2
```

2004 Oct 22	110	5	2
2004 Oct 23	115	5	2
2004 Oct 24	115	5	2
2004 Oct 25	110	8	3
2004 Oct 26	110	5	2
2004 Oct 27	110	5	2
2004 Oct 28	105	5	2
2004 Oct 29	105	8	3
2004 Oct 30	105	10	3
2004 Oct 31	105	10	3
2004 Nov 01	100	5	2
2004 Nov 02	100	5	2
2004 Nov 03	100	5	2
2004 Nov 04	95	5	2
2004 Nov 05	90	5	2
2004 Nov 06	90	8	3
2004 Nov 07	90	10	3
2004 Nov 08	90	10	3
2004 Nov 09	90	15	3
2004 Nov 10	90	20	4
2004 Nov 11	90	15	3
2004 Nov 12	95	10	3
2004 Nov 13	100	8	3
2004 Nov 14	105	8	3
2004 Nov 15	105	10	3

(<http://www.sec.noaa.gov/radio> via DXLD) ####